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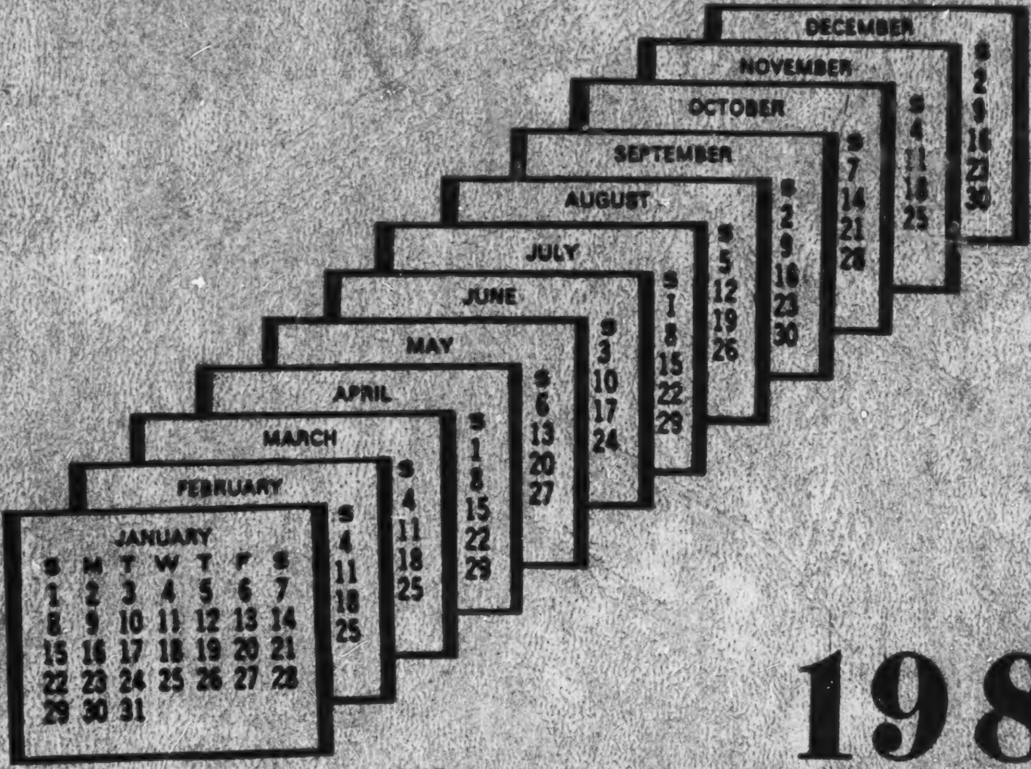
SOUTH CAROLINA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1981 ANNUAL PLANNING INFORMATION

SOUTH CAROLINA EMPLOYMENT SECURITY COMMISSION
MANPOWER RESEARCH AND ANALYSIS
MAY 1980

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ANNUAL PLANNING INFORMATION
FOR 1981
SOUTH CAROLINA

SOUTH CAROLINA EMPLOYMENT SECURITY COMMISSION

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A Labor Market Information Publication by:

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Prepared in affiliation with the Employment and Training Administration
and the Bureau of Labor Statistics, U. S. Department of Labor

MAY 1980

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PURPOSE

The purpose of the Annual Planning Information Report (API) is to provide historical, current, and outlook labor market information for use by Employment Service and Comprehensive Employment and Training Planners in formulating program and job training plans for the upcoming planning cycle. The API includes labor market information and analysis of employment, unemployment, occupational trends and outlook, and projections of the number of poor, economically disadvantaged, underutilized persons, and a categorized description of characteristics of groups of individuals needing manpower services as well as the population, labor force, and unemployed. Additionally, the report is designed to assist various manpower agencies and groups involved with socio-economic planning to better organize priorities for those groups of individuals most in need of services.

ACKNOWLEDGEMENTS

The Annual Planning Information Report was prepared by the staff of the Research and Analysis (R&A) Section of the South Carolina Employment Security Commission under the direction of C. LaRay Drafts and David L. Laird. For your convenience the name of the contact persons and the sections of the API they were instrumental in preparing are outlined below. Should you desire more information or have either comments or questions regarding a specific section please feel free to call 803-758-8983.

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TECHNICAL NOTES

Population Estimates:

The total population estimates used in the Annual Planning Information (API) Report were developed by the Division of Research and Statistical Services of the State Budget and Control Board. These estimates are of the total population and do include military.

Labor Force Estimates:

The labor force data contained in this publication were produced using procedures developed by the U.S. Department of Labor's Bureau of Labor Statistics and are based on an annual benchmark derived from the Current Population Survey of households. These data represent individuals by place of residence and are not strictly comparable to industry employment data which are by place of work.

The 1981 labor force race, sex, and age characteristics were derived from 1970 Census and Current Population Survey (CPS) relationships developed by the Lawrence Berkeley Laboratory in California.

Industry and Occupational Employment Projections:

Occupation and Industry estimates of 1976 and projected 1981 are derived from the 1976 OES survey based matrix. Employment does not include farm workers, private household workers, unpaid family workers and military personnel.

Job Service Applicants:

The source for data concerning Job Service applicants is the Employment Security Automated Reporting System (ESARS). Information on Job Service applicant characteristics is from the active file of job-seekers as of March 31, 1980. Economically disadvantaged applicants are highlighted because they present a special challenge to Job Service and manpower planners. The U. S. Department of Labor defines an economically disadvantaged person as: (1) a member of a family which receives public assistance; (2) a member of a family whose income does not exceed Office of Management and Budget;(OMB) poverty levels or 70% of the lower living standard income level; or (3) a foster child on whose behalf state or local government payments are made.

Information on Job Service applicants in South Carolina's ten planning districts was derived by adding figures for local offices serving counties within each planning district. Several counties are served by more than one office, and, in some cases, local office service areas do not coincide exactly with planning district boundaries. In such cases, the figures for that local office are added into both counties in the determination of planning district totals. Therefore, the planning district data may not be exact in all cases.

Barriers to Employment:

This portion of the report is based on a 1975-1976 survey of Employment Service and CETA counselors who were academically trained and worked closely with persons in various target groups.

HIGHLIGHTS

ECONOMIC OUTLOOK - South Carolina's economic outlook for 1980 appears uncertain as the much anticipated recession of 1979 finally becomes a reality. Inflation, over-extended consumer debt, and uncertainty of both the price and supply of energy are the key factors for this slowdown. Unemployment, which may rise as high as 7.5% at the mid-summer trough of the recession, should benefit from a strong level over the last half of 1980 driving it down to below 6% by 1981.

LABOR FORCE - Civilian labor force for South Carolina averaged 1,306,000 in 1979, 31.7% more than the 1970 level. Unemployment averaged 5.0% of the labor force compared to 5.7% in 1978 and 3.8% in 1970.

JOB SERVICE APPLICANTS - As of March 31, 1980, there were around 93,600 applicants in the South Carolina job service active file. For the same period, there were 32,430 economically disadvantaged applicants on the file representing 35% of the total active file.

INDUSTRY - Service - producing industries are expected to continue to expand faster than goods - producing industries. The actual share of total employment by goods - producing workers is projected to decline from 41.9 percent to 41.1 percent over the six year study period, 1976-1982. However, total employment for 1976 to 1982 is projected to expand with the influx of migrating workers from the northern states settling in the State, and significant productivity gains in industry.

OCCUPATIONS - Service workers are projected to grow faster than white-collar and blue-collar workers. Factors influencing this rapid growth is with the increased demand for medical care and leisure services. Following service-workers are white-collar workers, particularly the clerical workers, which is expected to increase by 21.4 percent for the six year study period of 1976 to 1982. Manufacturing is projected to have a slow growth for the study period and this factor is reflected in the slowing of demand for blue-collar workers.

ECONOMIC DEVELOPMENTS & OUTLOOK

The National economic outlook for the remainder of 1980 and possibly into 1981 appears very gloomy as the much anticipated recession of 1979 finally becomes a reality With the auto and construction industries in trouble, the Fed tightening credit controls, and personal savings at a dangerously low level, most economists have issued similar forecasts for 1980. All are predicting a recession with the only differences in the forecasts revolving around the severity of the decline and the timing of the recovery. The majority of economists are predicting a relatively short and mild recession, bottoming out in mid to late summer of calendar year 1980 with slow but positive growth in the fall and vigorous recovery toward the end of the year.

The economic problems that are the underlying causes behind the recession are reflected upon both sides of the demand/supply equation. Consumers are facing declines in real disposable income, due to inflation, with a dangerously over-extended debt position. The percentage of disposable personal income in savings in the fourth quarter of 1979 at 3.5% is the lowest since these data have been collected. On the supply side, investment expenditures, while holding up fairly well to post 1974-75 recession levels, have never truly attained pre-recession activity levels. Further exacerbating these problems are the negative growth in productivity, a result of wage increases outstripping productivity gains, and the external shocks of energy price increases and supply problems.

To battle galloping inflation, the major culprit in these problems, the Fed moved to October of 1979 and March of 1980 to dampen the growth of the overheated economy. Beginning with these actions, the Administration's policy on solving the nation's economic problems has been the continued emphasis on controlling inflation and balancing the budget. These moves coupled with the absence of major strikes and the holding of OPEC price increases to moderate levels with no interruption of supplies should prevent the imminent downturn from being as severe as that of 1974-75. The absence of major land speculation and lack of inventory buildup along with increased export and better business liquidity should moderate the severity of the expected downturn.

As the nation moves into the recession, there will be a slowing of the inflation rate, and an increase in unemployment to 7-8 percent. Consumer spending will slow during the middle of the year but should lead the recovery in the latter part of 1980. By 1981 the recession should be solidly behind the nation with GNP growing at a 3-4 percent rate, unemployment holding at below 7 percent and the prime rate descending to a level of 10-11 percent. If unemployment becomes a major problem, there will be strong pressures to expand deficit spending in light of the present election year. A strong Administration reaction to this pressure would prevent the level of inflation from moderating as projected.

The economic fortune of South Carolina for 1980 and 1981 should closely parallel that of the nation as a whole with the exception of severity and duration of the recession. While South Carolina has and will experience many of the economic problems affecting the National economy, it appears now that this recession should be less severe and of shorter duration in South Carolina than in the Nation. Stable employment levels and low unemployment rates combined with the dividends now being reaped from South Carolina's strong industrial development program for the past few years should assure that this occurs.

The present economy of South Carolina shows strengths that reflect upon lessons learned during the recession of 1974-75. South Carolina's all important textile industry, which experienced severe contractions during the last recession, has expanded its markets by improving its export potential and has restrained its buildup of inventory and capacity. These steps along with the expectation of continuing markets for textiles should shelter, to some extent, this vital industry. The general makeup of South Carolina's industrial base also has been changed with more emphasis now directed to diversified manufacturing. While this will cause the state to parallel national economic trends, the fact that these facilities are modern plants should make them very competitive.

Another bright spot in South Carolina's economy is the great success realized during 1979 in the development of industry. More than $1.5 billion in industrial investments were announced during the year with anticipated employment gains of 21,600 new jobs. Included in these totals are the record breaking 109 new plant locations in the State. As 1980 and beyond also promise to be good years for business expansion, diversification of South Carolina's industrial base should continue in order that the State's economy will not rely on a single industry. Diversification would prevent the State's economy from being damaged as severely as during the economic downturn of 1974-75.

In South Carolina, the construction industry will be the hardest hit during the imminent downturn. The chief culprit in the construction industry's problems is the Fed's tightening of credit policy. This will likely wreak havoc in the private housing sector; however, it is hoped that ongoing activity in the industrial and public sectors will soften the impact here.

The tourism industry, which has become one of South Carolina's major industries, will be greatly affected by energy problems (both supply and price). Recent advertising campaigns enticing South Carolinian's to vacation in-state along with the increased emphasis on attracting tourists from nearby states should help to ease this problem.

As the State moves into a slowing of the business cycle this year, inflation will ease somewhat, with an increase in unemployment to as high as 7.5 percent at the trough of the downturn. The slowing of consumer spending experienced nationwide should be counteracted in South Carolina by growing industrial development; thereby, preventing the economy from dipping to as low a point as the national economy. Renewed consumer spending late in the fall of 1980 should help the State rebound quickly with unemployment dropping to below 6.0 percent by 1981.

DESCRIPTION OF AREA - SOUTH CAROLINA

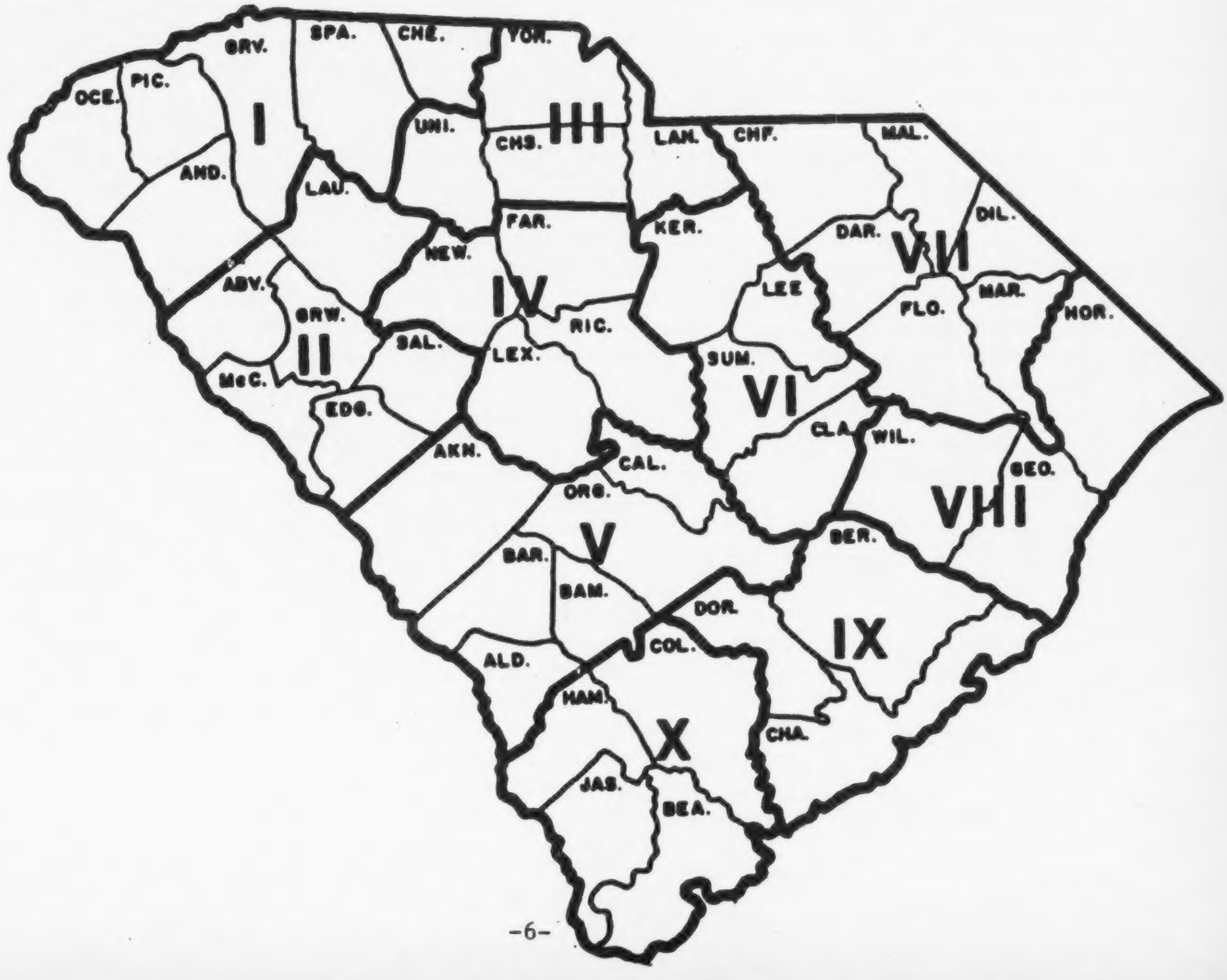
South Carolina is located in the Southeast region of the United States and is the 40th largest state of the union. It is basically a triangular-shaped state bordered on the north by North Carolina, on the southwest by Georgia, and on the southeast by the Atlantic Ocean.

There are three topographical regions within the state named for their various elevations. The Piedmont area is comprised of the northwestern third of the state and is so named because of its proximity to the Appalachian Mountains. The Midlands region is the rolling hills region between the Piedmont and the Coastal Plains. The Coastal Plains (lowlands) area consists of the third of the state nearest the Atlantic Coast. Much of this region is below sea level and therefore is dotted with many swamps.

South Carolina residents are very fortunate to live in a state with so many geographical assets. Only 250 miles separate the mountains from the seashore, making both areas very accessible for vacationers. The state also has many streams, rivers, ponds, lakes, and reservoirs available to those who enjoy water recreation. Fertile soil makes the state a prime candidate for agricultural pursuits and much of the land is devoted to forestry and pulpwood growing.

South Carolina has three standard metropolitan statistical areas (SMSA's). They are the Greenville-Spartanburg SMSA, the Columbia SMSA, and the Charleston-North Charleston SMSA. Other SMSA's on the borders of South Carolina are the Augusta, Ga.-S.C. SMSA, the Charlotte-Gastonia, N.C. SMSA, and the Savannah, Ga. SMSA.

The state is composed of 46 counties which have been grouped into ten planning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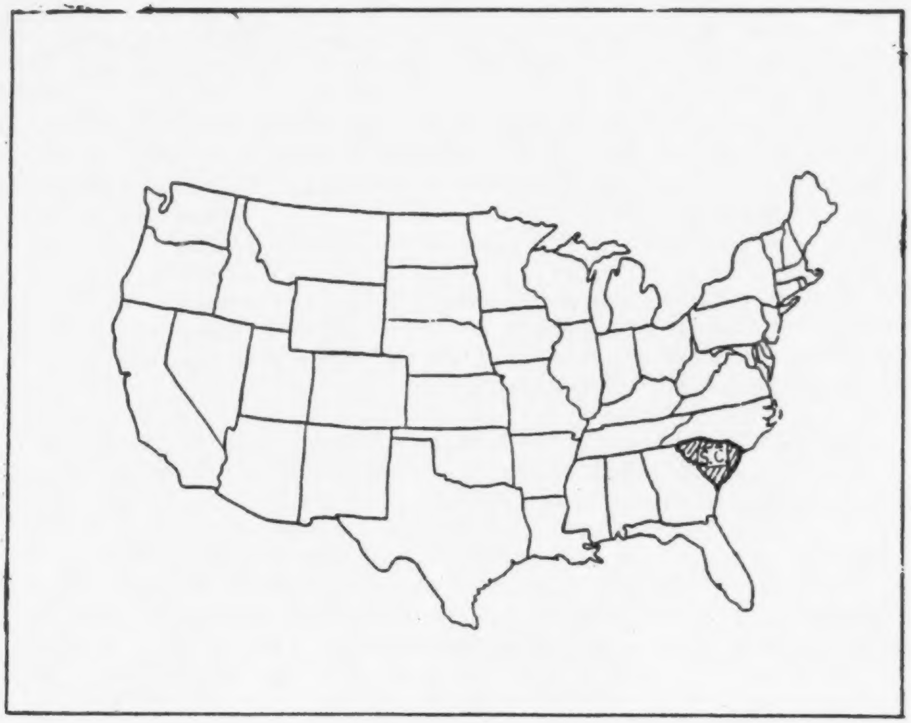
districts. Quick, easy travel within and through the state is facilitated by the network of interstate highways, which are I-85, I-26, I-20, I-77, and I-95. Towns and cities around these transportation routes are growing at a fast pace and are continuing the state's evolution process from rural communities to urbanized areas. However, at present most of South Carolina is still rural in nature.



POPULATION

The population of South Carolina increased by 12.3 percent between 1970 and 1978 which compares with only a 7.3 percent growth in the United States for the same period. The five counties with the largest increases in population from 1970-1978 were: Dorchester, Lexington, Berkeley, Horry and Jasper. These increases are attributed to suburban growth from a major metropolitan area (Charleston & Columbia) and increases due to coastal developments. The counties with the smallest increases were: Lee, McCormick, Fairfield, Saluda, Laurens, and Chester. There is little growth, if any, in these counties because the majority of them are in the rural part of the state and find themselves between major metropolitan areas.

The age structure of the United States has changed significantly in this decade. Important changes are especially evident in key age groups. For instance, the two youngest age groups in the nation, 0 to 4 and 5 to 9, have declined since 1970 and are the only ones to do so. The 0 to 4 age group represented 12.4% of the South Carolina population in 1960, 9.1% in 1970, and 8.2% in 1978. The 5 to 9 age group represented 11.9% of the South Carolina population in 1960, 10.4% in 1970 and 8.4% in 1978. Both drops reflect the sharp differences between the high fertility of the later baby boom years (1957 to 1966) and the low fertility since then.

Nearly every planning district showed gains of at least 10 percent from 1970 to 1978. The two exceptions were district 6 (Kershaw, Lee, Clarendon, and Sumter) with an increase of 4.5% and district 2 (Laurens, Abbeville, Greenwood, Saluda, Edgefield, and McCormick) with an increase of 4.8%. District 8 (Horry, Williamsburg, and Georgetown) showed the largest increase, 22.2%.

The fastest growing groups in the 1970's have been the young adults (persons 15 to 34) and the elderly (persons 65 and over). Young adults in South Carolina recorded an increase of 25.2% from 1970 to 1978 while the elderly in South Carolina recorded an increase of 32.2% since 1970.

The 1980's should see South Carolina go over the 3 million mark. The projected figure for 1981 is 3,046,000 which is a 4.4% increase from 1978. Once again the largest increases will run in Dorchester, Lexington, and Berkeley, while Lee, McCormick, and Saluda will have the smallest gains if any. In 1981 the elderly population, 65 and over, will increase above the 10% mark, while the young adults, 15-34 will increase close to 5%. The 5-9 age group will show no growth and the 0-4 age group only 2.6% increase from 1978. The 35-39 age group will show the largest increase for any age group from 1978 to 1981.

POPULATION FOR SOUTH CAROLINA - 1978

	WHITE		BLACK						
AGES	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	WHITE	BLACK	TOTAL
0-4	77624	73828	43744	42679	121368	116507	151452	86423	237875
5-9	77834	74411	46816	46269	124650	120680	152245	93085	245330
10-14	81369	78211	51317	51009	132686	129220	159580	102326	261906
15-19	91153	87881	55642	53710	146795	141591	179034	109352	288386
20-24	112346	91318	46287	46456	158633	137774	203664	92743	296407
25-29	94071	90148	34609	36333	128680	126481	184219	70942	255161
30-34	76913	76485	27334	31884	104247	108369	153398	59218	212616
35-39	65634	66099	20362	23485	85996	89584	131733	43847	175580
40-44	56111	57798	16605	19923	72716	77721	113909	36528	150437
45-49	52130	55492	16674	20339	68804	75831	107622	37013	144635
50-54	51455	55399	17358	20317	68813	75716	106854	37675	144529
55-59	47525	52079	15806	18579	63331	70658	99604	34385	133989
60-64	39826	45056	13898	16660	53724	61716	84882	30558	115440
65-69	29911	40515	11665	16129	41576	56644	70426	27794	98220
70-74	20457	31474	7800	11157	28257	42631	51931	18957	70888
75-79	11553	20791	4072	6708	15625	27499	32344	10780	43124
80-84	5569	12497	2119	3832	7688	16329	18066	5951	24017
85+	3755	9247	1837	3821	5592	13068	13002	5658	18660
TOTAL	995236	1018729	433945	469290	1429181	1488019	2013965	903235	2917200
0	15525	14766	8749	8536	24274	23301	30290	17285	47575
1- 4	62099	59062	34995	34143	97094	93206	121162	69138	190300
14-17	70966	68371	43649	42428	114614	110799	139336	86076	225413
18-21	81400	71680	40772	40066	122171	111746	153079	80838	233917
0-21	372918	350858	216034	212249	588952	563108	723777	428283	1152060
65+	71245	114524	27493	41647	98738	156171	185769	69140	254909

Source: Division of Research and Statistical Services

POPULATION FOR SOUTH CAROLINA - 1981

AGES	WHITE MALE	WHITE FEMALE	BLACK MALE	BLACK FEMALE	MALE	FEMALE	WHITE	BLACK	TOTAL
0- 4	80358	76249	44380	43093	124738	119342	156607	87473	244080
5- 9	78422	74647	46997	45914	125419	120561	153069	92911	245980
10-14	77648	74822	49918	49548	127566	124370	152470	99466	251936
15-19	90998	88636	56226	54124	147224	142760	179634	110350	289984
20-24	111661	90559	46326	46317	157987	136876	202220	92643	294863
25-29	101492	96983	40571	42341	142063	139324	198475	82912	281387
30-34	83134	82330	32070	37198	115204	119528	165464	69268	234732
35-39	75236	75275	24466	27859	99702	103134	150511	52325	202836
40-44	61693	62790	18327	21024	80020	83814	124483	39351	163834
45-49	53087	56738	17073	20227	70160	76965	109825	37300	147125
50-54	50805	55111	17654	20781	68459	75892	105916	38435	144351
55-59	49742	54624	16478	19408	66220	74032	104366	35886	140252
60-64	43008	48084	14640	17541	57648	65625	91092	32181	123273
65-69	32536	43743	12751	17729	45287	61472	76279	30480	106759
70-74	23438	35590	9046	12360	32484	47950	59028	21406	80434
75-79	12683	22860	4383	7205	17066	30065	35543	11588	47131
80-84	6147	13899	2285	4136	8432	18035	20046	6421	26467
85+	4100	10330	1998	4302	6098	14632	14430	6300	20730
TOTAL	1036188	1063270	455589	491107	1491777	1554377	2099458	946696	3046154
0	16072	15250	8876	8619	24948	23868	31321	17495	48816
1- 4	64286	60999	35504	34474	99790	95474	125286	69978	195264
14-17	70128	68146	43719	42384	113848	110530	138274	86103	224378
18-21	81064	71678	41021	40176	122084	111854	152742	81197	233939
0-21	372090	350578	216051	211206	588142	561783	722668	427257	1149925
65+	78904	126422	30463	45732	109367	172154	205326	76195	281521

Source: Division of Research and Statistical Services

LABOR FORCE -

STATE

The civilian labor force in South Carolina averaged 1,306,000 in 1979, an increase of nearly 32% over the 1970 census figure. During this nine year period the number of individuals holding jobs in the area increased 30%, while the number of jobless rose 74%. The unemployment rate averaged 5.0% during 1979 compared to 3.8% in 1970. Two major factors influencing South Carolina's labor force since 1970 are: (1) the tremendous economic growth experienced throughout the state resulting from new industry moving into the sunbelt; and (2) the recession of 1974 and 1975 which was acutely felt in South Carolina, raising joblessness to record levels.

The economic outlook for 1980 & 1981 is filled with much uncertainty. Last year (1979) was supposed to be a year of economic slowdown with slower growth anticipated in employment and rising unemployment. However, the labor force in South Carolina remained strong throughout the year with employment rising 24,000 over 1978's level and unemployment declining 9,000. Nevertheless, many of the negative developments that were expected to have an impact on the economy in 1979 still cloud the future.

Some Developments to Watch:

Inflation - Double digit figures erode the consumers' ability to purchase goods and services;

Interest Rates - Will impact directly upon housing industry and indirectly upon other industries dependent upon housing and construction;

Consumer Debt - Consumers are in debt and money for future purchases is getting hard to come by. Also, incomes are not keeping up with inflation; and

Oil Prices - Gasoline and home heating oil will take a larger share of consumer budget. Industry will be hit with high energy cost driving up the cost of production.

CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT FOR

SOUTH CAROLINA, 1970, 1978, 1979 and PROJECTED 1981

					Percent Change	
	1970	**1978**	**1979**	**1981**	**1970-1979**	**1979-1981**
Civilian Labor Force	991,800	1,291,000	1,306,000	1,360,000	+31.7	+ 4.1
Employment	954,500	1,217,000	1,241,000	1,287,000	+30.0	+ 3.7
Unemployment	37,300	74,000	65,000	73,000	+74.3	+12.3
Rate	3.8	5.7	5.0	5.4	---	---

Many leading economists are certain of at least a moderate slowdown nationwide in 1980 possibly bottoming out late summer. However, the impact is expected to be milder in South Carolina. Record capital investment in 1979, low inventories, and a diversified industry mix will help support the State through any slowdown. South Carolina's unemployment is expected to average above 6.0% for 1980 and drop to approximately 5.4% in 1981. In South Carolina, 1980 labor force development will largely mirror National trends. In 1981, the labor force in South Carolina should average around 1,360,000 with employment at 1,287,000 and unemployment at 73,000. The characteristics of the labor force in 1981 should be as follows:

	Percent Distributions		
	Labor Force S.C.	Employment S.C.	Unemployment S.C.
Total	100.0	100.0	100.0
White Males	41.0	42.0	18.0
White Females	35.0	35.0	34.0
Black Males	12.0	12.0	18.0
Black Females	12.0	11.0	30.0
Youth (16-19)	10.0	9.0	22.0

CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT

IN SOUTH CAROLINA BY AGE, RACE, AND SEX

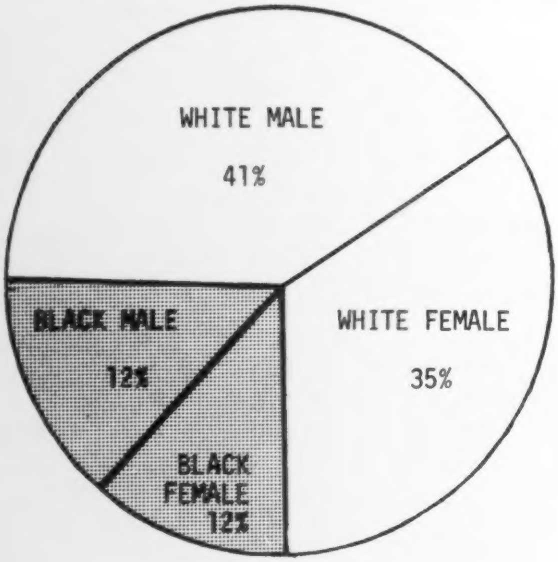
ERRATA SHEET 1981

Age	Civilian Labor Force	Total Employment	Unemployment	
			Number	Rate
Total				
16+	1,360,000	1,287,000	73,000	5.4
16-19	130,320	113,980	16,340	12.5
20+	1,229,680	1,173,020	56,660	4.6
Males				
16+	725,670	699,560	26,110	3.6
16-19	72,920	65,590	7,330	10.1
20+	652,750	633,970	18,780	2.9
Females				
16+	634,330	587,440	46,890	7.4
16-19	57,400	48,390	9,010	15.7
20+	576,930	539,050	37,880	6.6
Total Whites				
16+	1,032,900	994,780	38,120	3.7
16-19	94,860	85,990	8,870	9.4
20+	938,040	908,790	29,250	3.1
Males				
16+	557,050	543,770	13,280	2.4
16-19	53,990	49,940	4,050	7.5
20+	503,060	493,830	9,230	1.8
Females				
16+	475,850	451,010	24,840	5.2
16-19	40,870	36,050	4,820	11.8
20+	434,980	414,960	20,020	4.6
Total Nonwhites				
16+	327,100	292,220	34,880	10.7
16-19	35,460	27,990	7,470	21.1
20+	291,640	264,230	27,410	9.4
Males				
16+	168,620	155,790	12,830	7.6
16-19	18,930	15,650	3,280	17.3
20+	149,690	140,140	9,550	6.4
Females				
16+	158,480	136,430	22,050	13.9
16-19	16,530	12,340	4,190	25.3
20+	141,950	124,090	17,860	12.6

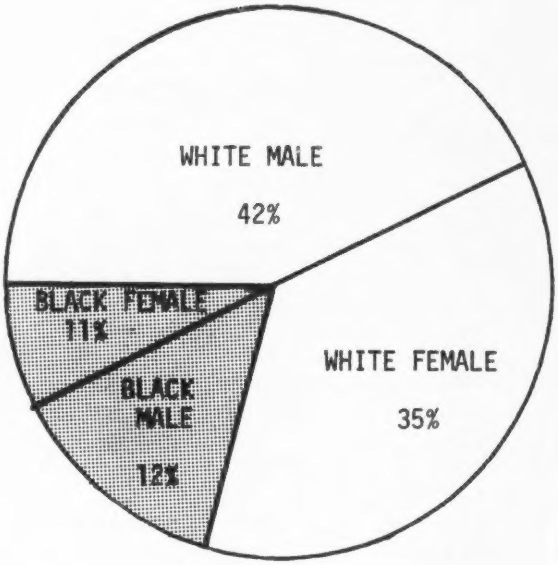
CHARACTERISTICS OF CIVILIAN LABOR FORCE

EMPLOYMENT AND UNEMPLOYMENT IN

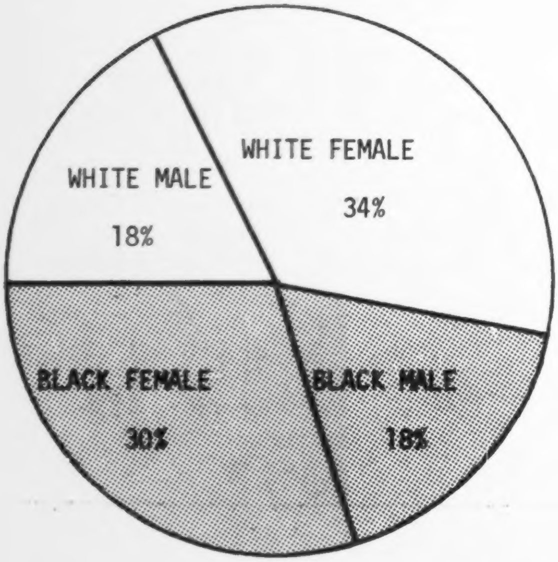
SOUTH CAROLINA
1981



Civilian Labor
Force



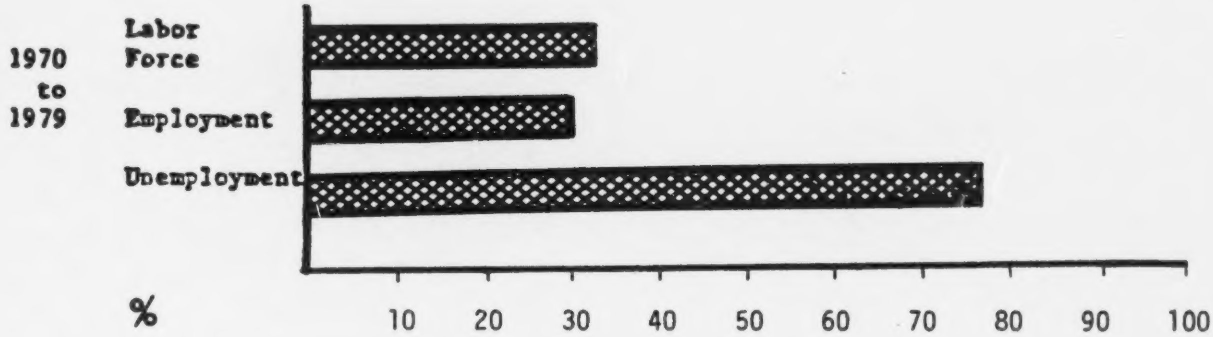
Total Employment



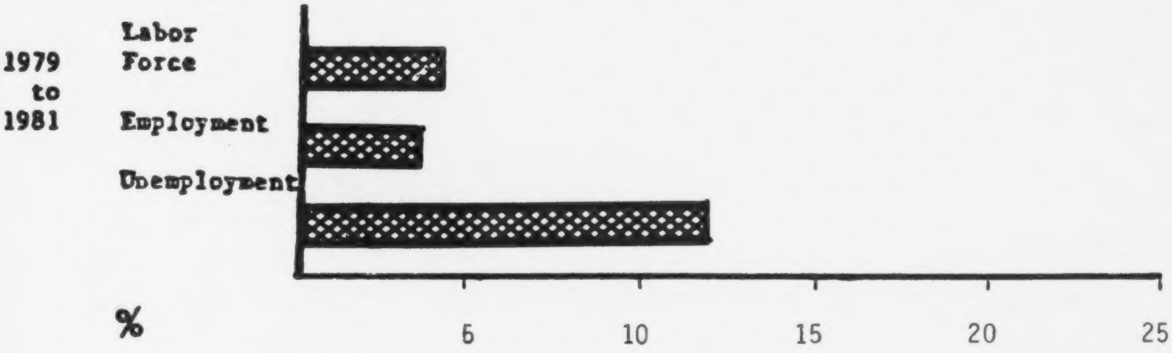
Total Unemployment

EMPLOYMENT, AND UNEMPLOYMENT FOR
1970 to 1979 and 1979 to 1981

1970 - 1979



1979 -1981



UNEMPLOYMENT RATE
1979 Annual Average

1.	Marlboro	9.3
2.	McCormick	8.3
3.	Georgetown	8.0
4.	Marion	7.1
5.	Allendale	7.0
6.	Beaufort	7.0
7.	Colleton	7.0
8.	Abbeville	6.8
9.	Lee	6.8
10.	Dillon	6.5
11.	Union	6.4
12.	Sumter	6.3
13.	Barnwell	6.2
14.	Jasper	6.1
15.	Horry	6.0
16.	Williamsburg	6.0
17.	Florence	5.8
18.	Orangeburg	5.7
19.	Clarendon	5.6
20.	Darlington	5.6
21.	Oconee	5.6
22.	Saluda	5.6
23.	Charleston	5.4
24.	Chesterfield	5.4
25.	Aiken	5.3
26.	Bamberg	5.3
27.	Cherokee	5.2
28.	Chester	5.2
29.	Greenwood	5.2
30.	Berkeley	5.1
31.	Kershaw	5.1
32.	York	5.0
33.	Hampton	4.9
34.	Fairfield	4.7
35.	Dorchester	4.6
36.	Laurens	4.6
37.	Anderson	4.4
38.	Newberry	4.0
39.	Pickens	4.0
40.	Spartanburg	4.0
41.	Greenville	3.9
42.	Lancaster	3.9
43.	Richland	3.9
44.	Calhoun	3.7
45.	Edgefield	3.7
46.	Lexington	3.4

Research and Analysis
SCESC
April 7, 1980

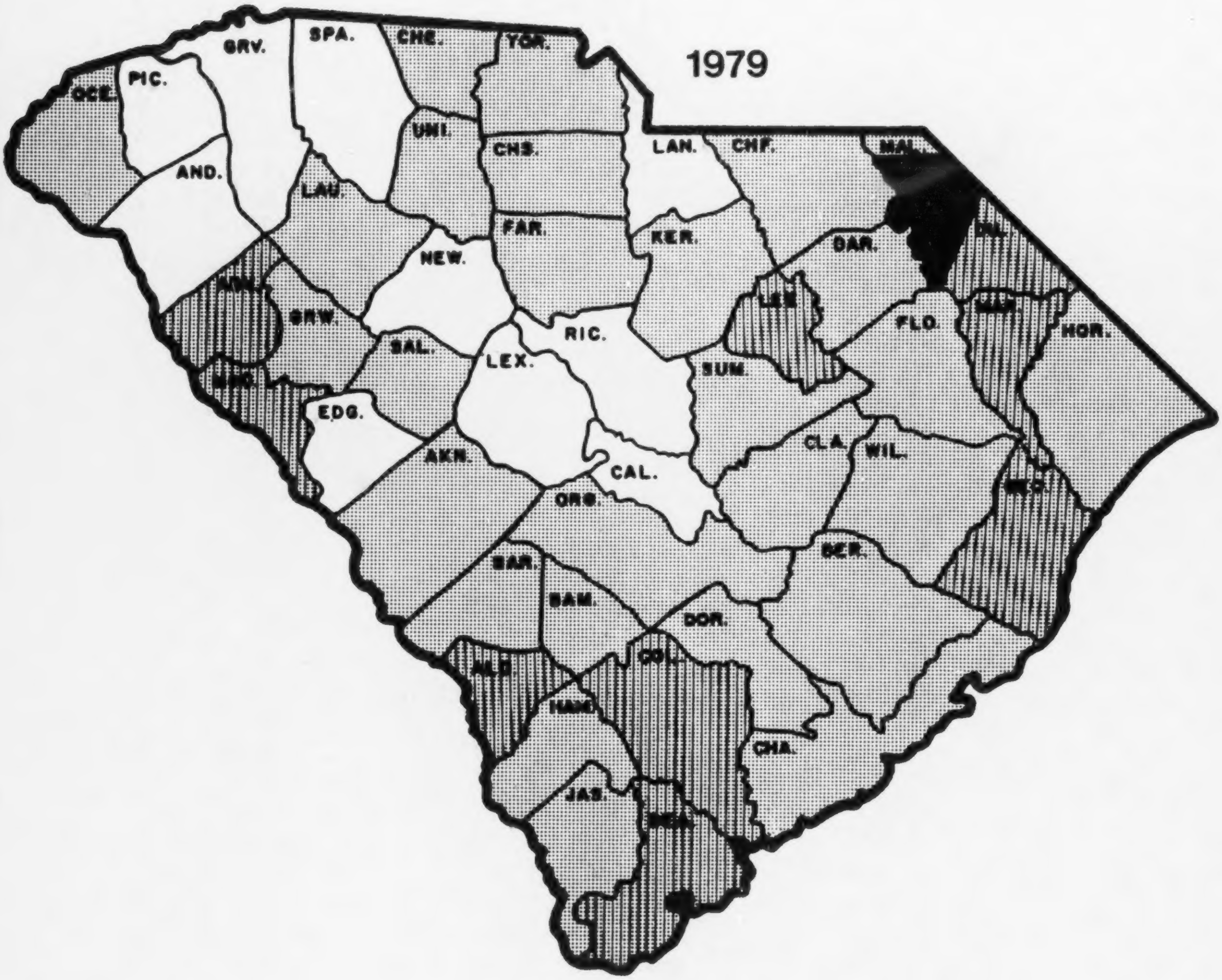
Labor Force and Unemployment by County

Counties	Labor force		Unemployment			
			Number		Percent of labor force	
	1979	Projected 1981	1979	Projected 1981	1979	Projected 1981
ABBEVILLE	9,480	9,810	640	590	6.8	6.0
AIKEN	40,630	41,770	2,150	2,280	5.3	5.5
ALLENDALE	3,720	3,820	260	280	7.0	7.3
ANDERSON	58,890	61,830	2,580	3,100	4.4	5.0
BAMBERG	6,970	7,160	370	390	5.3	5.5
BARNWELL	9,460	9,720	590	620	6.2	6.4
BEAUFORT	23,230	22,830	1,620	1,710	7.0	7.5
BERKELEY	29,940	31,730	1,540	1,730	5.1	5.5
CALHOUN	7,250	7,450	270	290	3.7	3.9
CHARLESTON	102,910	109,050	5,520	6,200	5.4	5.7
CHEROKEE	22,740	23,880	1,180	1,420	5.2	6.0
CHESTER	13,660	14,180	710	800	5.2	5.6
CHESTERFIELD	17,740	17,950	950	1,020	5.4	5.7
CLARENDON	11,630	11,420	650	700	5.6	6.1
COLLETON	11,910	11,700	830	880	7.0	7.5
DARLINGTON	25,020	25,320	1,410	1,510	5.6	6.0
DILLON	12,330	12,480	800	860	6.5	6.9
DORCHESTER	20,500	21,720	950	1,070	4.6	4.9
EDGEFIELD	7,870	8,140	290	270	3.7	3.3
FAIRFIELD	10,280	10,550	480	560	4.7	5.3
FLORENCE	45,360	45,910	2,620	2,800	5.8	6.1
GEORGETOWN	15,930	18,410	1,270	1,460	8.0	7.9
GREENVILLE	130,370	136,850	5,020	6,020	3.9	4.4
GREENWOOD	24,400	25,260	1,260	1,140	5.2	4.5
HAMPTON	7,010	6,890	340	360	4.9	5.2
HORRY	49,300	56,960	2,980	3,410	6.0	6.0
JASPER	5,370	5,280	330	350	6.1	6.6
KERSHAW	16,120	15,830	820	880	5.1	5.6
LANCASTER	20,910	21,680	820	920	3.9	4.2
LAURENS	21,970	22,730	1,000	910	4.6	4.0
LEE	6,740	6,620	460	500	6.8	7.6
LEXINGTON	59,270	60,850	2,030	2,370	3.4	3.9
McCORMICK	3,250	3,360	270	250	8.3	7.4
MARION	15,570	15,760	1,110	1,190	7.1	7.6
MARLBORO	11,150	11,280	1,040	1,120	9.3	9.9
NEWBERRY	15,520	15,930	620	720	4.0	4.5
OCONEE	18,680	19,610	1,040	1,250	5.6	6.4
ORANGEBURG	34,040	34,980	1,930	2,040	5.7	5.8
PICKENS	34,850	36,590	1,410	1,690	4.0	4.6
RICHLAND	113,930	116,970	4,500	5,250	3.9	4.5
SALUDA	6,570	6,800	370	340	5.6	5.0
SPARTANBURG	94,520	99,240	3,760	4,520	4.0	4.6
SUMTER	32,610	32,030	2,060	2,220	6.3	6.9
UNION	13,080	13,580	840	950	6.4	7.0
WILLIAMSBURG	16,380	18,930	980	1,130	6.0	6.0
YORK	46,990	48,760	2,350	2,630	5.0	5.4

1/ These data are projected from 1979 Current Population Survey (CPS) Benchmark.
2/ Includes workers involved in labor management disputes.
NOTE: County data rounded to the nearest ten.

S. C. Employment Security Commission
Research and Analysis/LMIA

Unemployment Rates by County


1979
OCE.
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GRV.
SPA.
CHE.
YOR.
AND.
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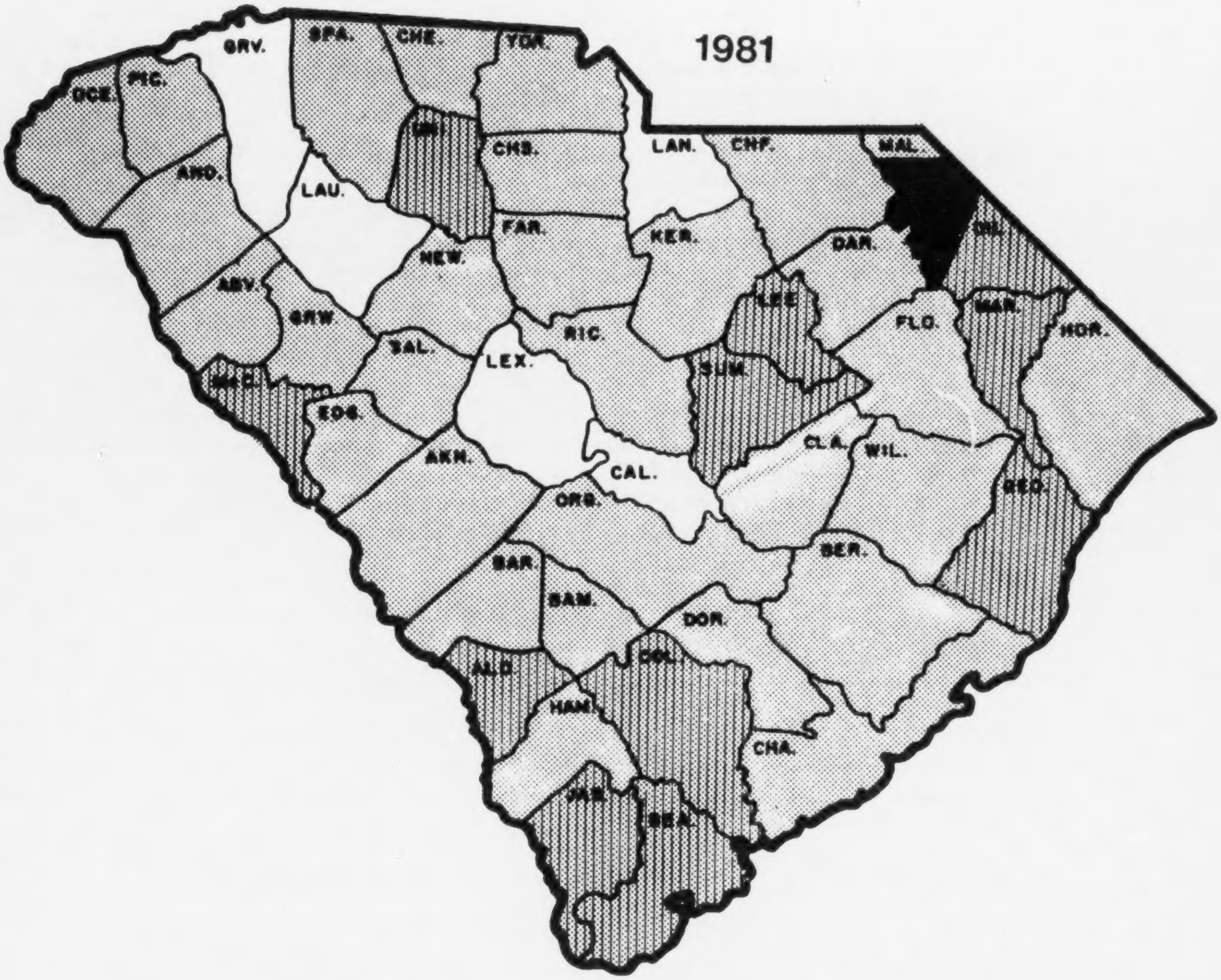
KER.
DAR.
NEW.
GRW.
FLO.
HOR.
SAL.
LEX.
RIC.
SUM.
EDG.
CLA.
WIL.
AKN.
CAL.
ORG.
BAR.
BAM.
DOR.
DER.
COL.
CHA.
JAS.

S.C. Employment Security Commission
Research and Analysis/LMIA

■ 8.5% and over
▥ 6.5% to 8.4%
░ 4.5% to 6.4%
□ less than 4.5%

Unemployment Rates by County


1981
GRV.
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SAL.
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BEA.

S.C. Employment Security Commission
Research and Analysis/LMIA

■ 8.5% and over
▥ 6.5% to 8.4%
▒ 4.5% to 6.4%
□ less than 4.5%

INDUSTRY EMPLOYMENT

Nonfarm Wage and Salary Employment Developments 1978-1979

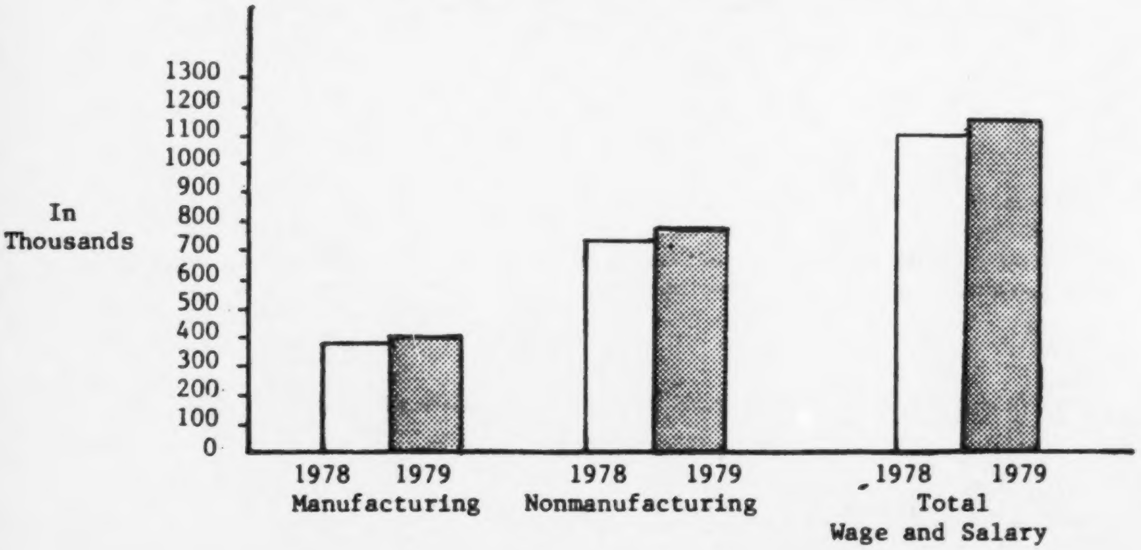
Nonfarm Wage and Salary employment continued to expand during 1979; however, the rate of growth slowed from that of 1978. The 1979 annual average surpassed the 1978 figure by 40,300 (3.5%), whereas a year earlier, the 1978 average topped the 1977 level by 55,800 (5.2%). Over-the-year gains took place in all major industry divisions, highlighted by growth in manufacturing, trade, and services.

Manufacturing employment increased 8,200 or 2.1% over the 1978 average with the bulk of the gains in durable goods (5,500), notably payroll additions in machinery, except electrical, and electric and electronic equipment. The big story in nondurable goods was continued layoffs in textiles which have tempered job additions among the other soft goods industries.

Trade employment expanded 10,000 (4.7%) on the strength of a 7,200 boost in the retail sector, with payroll additions concentrated in eating and drinking places, and food stores. General merchandise stores suffered an over-the-year loss of 300 with cutbacks scattered among the larger retail establishments. An expansion of 7,600 in services was widespread among the major industry groups, with substantial gains in business and health services.

Elsewhere in nonmanufacturing, transportation and public utilities rose 4,500 (9.2%) above the 1978 average, spurred by growth in trucking and warehousing, and electric, gas and sanitary services. Construction registered a 2,600 (3.7%) increase, and finance, insurance and real estate advanced 2,800 (6.4%). Government experienced a 4,600 (2.1%) average rise from 1978 to 1979 with gains centered in the state school and nonschool, and local school sectors. Federal government payrolls were trimmed by 400 workers during the period.

GROWTH IN MANUFACTURING AND NONMANUFACTURING EMPLOYMENT IN SOUTH CAROLINA 1978 and 1979

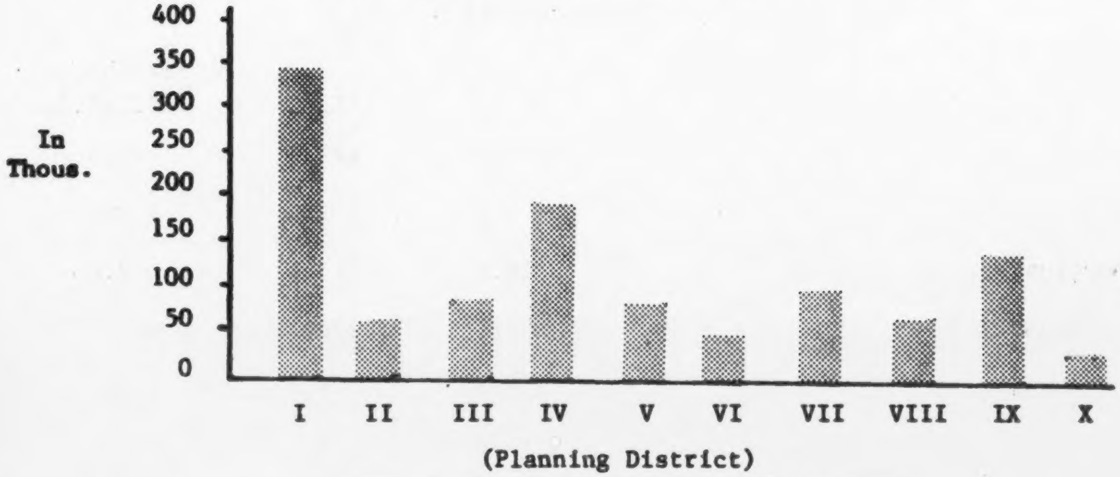


NONFARM WAGE AND SALARY EMPLOYMENT IN S. C.
BY MAJOR INDUSTRY DIVISION AND SELECTED INDUSTRY GROUPS
(In Thousands)

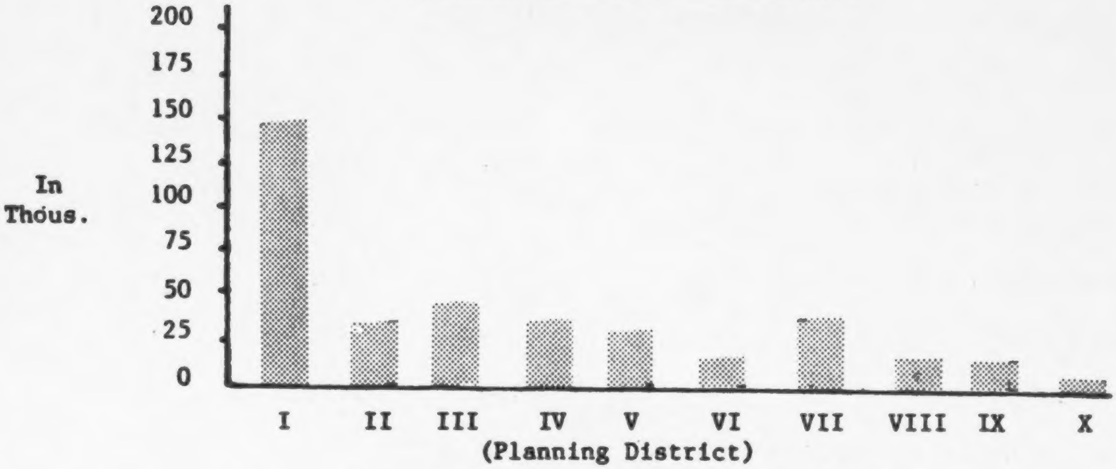
INDUSTRY	1978	1979	Net Change 1978-1979
TOTAL	1137.5	1177.8	+40.3
MINING	1.8	1.9	+ 0.1
CONSTRUCTION	70.2	72.8	+ 2.6
MANUFACTURING	391.1	399.3	+ 8.2
DURABLE GOODS	116.3	121.8	+ 5.5
Lumber and Wood Products	15.8	16.2	+ 0.4
Stone, Clay and Glass Products	11.7	11.5	- 0.2
Fabricated Metal Products	14.0	14.6	+ 0.6
Machinery, Except Electrical	29.9	31.5	+ 1.6
Electric and Electronic Equipment	19.5	21.3	+ 1.8
NONDURABLE GOODS	274.8	277.4	+ 2.6
Food and Kindred Products	14.5	15.1	+ 0.6
Textile Mill Products	143.4	142.4	- 1.0
Apparel and Allied Products	48.4	47.8	- 0.5
Chemicals and Allied Products	32.6	33.4	+ 0.8
TRANSPORTATION AND PUBLIC UTILITIES	48.8	53.3	+ 4.5
WHOLESALE TRADE	45.9	48.8	+ 2.9
RETAIL TRADE	167.0	174.2	+ 7.2
FINANCE, INSURANCE, AND REAL ESTATE	43.8	46.6	+ 2.8
SERVICES	145.0	152.6	+ 7.6
GOVERNMENT	223.8	228.4	+ 4.6
Federal	35.8	35.4	- 0.4
State	68.1	71.5	+ 3.4
Local	119.9	121.4	+ 1.5

Note: Totals may not add due to rounding

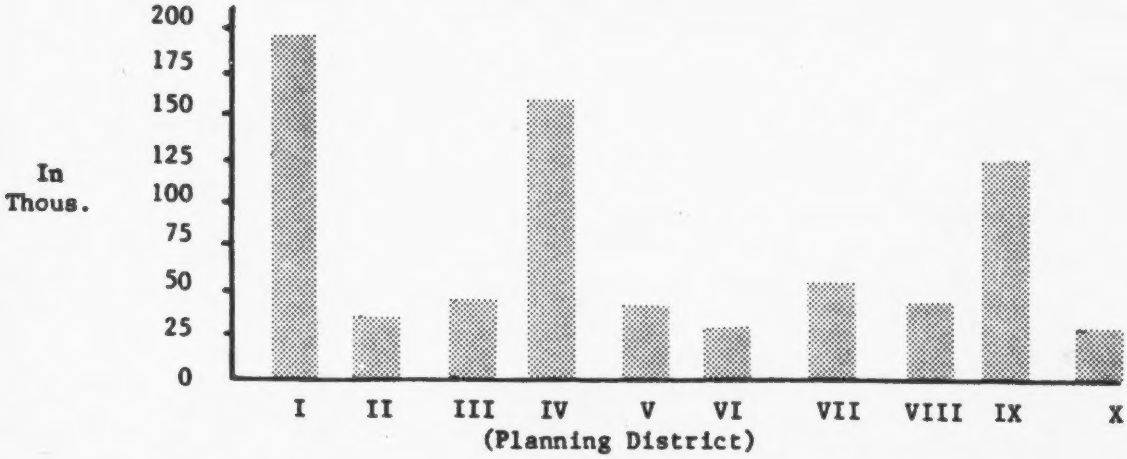
TOTAL NONFARM WAGE AND SALARY EMPLOYMENT BY PLANNING DISTRICT IN SOUTH CAROLINA-1979



MANUFACTURING EMPLOYMENT BY PLANNING DISTRICT IN SOUTH CAROLINA-1979



NONMANUFACTURING EMPLOYMENT BY PLANNING DISTRICT IN SOUTH CAROLINA-1979



INDUSTRY EMPLOYMENT PROJECTIONS

Many factors interact in the economy to change employment levels in occupations. A key factor is change in employment among industries, which is a function of the demand for different products and services and changing technology. Generally, a rise in demand causes a rise in employment, and a drop in demand, a decline. The effects of technological innovation may be limited to only one industry or may be widespread. In the past, the development of new products and processes both created some industries and eliminated others.

Precisely what effect changes in industry employment will have on a particular occupation depends on the occupational structure of the industries involved. As shown in chart on the next page industries differ greatly in the types of workers they employ. In 1976, blue-collar workers constituted about 80 percent of the work force of the construction industry, for example, but only 6 percent of employment in the finance, insurance, and real estate industry. Should the demand for new houses and office buildings rise, the number of blue-collar workers needed in construction would rise also. In contrast, even if the demand for financial and insurance services skyrocket, the impact on blue-collar workers would be small. Also, because the construction industry is the larger of the two, an increase in demand would have a larger impact even on occupations which constitute a similar proportion of employment in both industries, such as professional and technical workers.

A second factor affecting occupational employment is business organizational structure. The ways in which establishments are organized and operated have changed significatly in recent years, and have affected the demand for workers in many occupations. As more stores, restaurants, motels, and other enterprises have become chain operations, the number of salaried managers has grown, while the number of self-employed managers has declined. The trend toward self-service has slowed the growth of employment of retail clerks and gas station attendants.

Finally, supply-demand conditions in one occupation affect the demand for another. When workers in a highly skilled or professional occupation are in short supply, employers may hire more assistants or technicians. In hospitals, for example, nursing aides have performed some of the duties of nurses when nurses have been in short supply.

This section presents the Bureau of Labor Statistics Projections for detailed occupations through 1982 based on the Occupational Employment Statistics Program survey.

Traditionally, occupations are divided into four groups: (1) white-collar workers--in professional and technical, clerical, sales, and managerial jobs; (2) blue-collar workers--in craft, operative, and laboring jobs; (3) service workers; and (4) farm workers. Since farm workers are not within the scope of the OES survey, employment in this category is excluded from these projections. Self-employed workers are also excluded from these data.

MANUFACTURING is the largest industry in the State, employing more than one third of the state's nonfarm wage and salary workers. It is expected to gain 54,780 workers between 1976 and 1982 for a growth of 14.8 percent.

Manufacturing is divided into two broad categories - durable goods and nondurable goods. Employment in durable goods is expected to increase by about 32 percent, from 99,590 to 131,510 workers, while nondurable goods is expected to increase by only 8.4 percent, from 271,210 to 294,070 workers.

Growth rates will vary among individual industries within each of these categories. In nondurable goods, for example, employment in tobacco manufacturing is expected to decline by over 7 percent, while rubber and plastic products is projected to increase by 61 percent. Among durable goods, electric and electronic equipment is expected to undergo a rapid employment increase growing by nearly 44 percent. Lumber and wood products will grow by only about 14 percent.

TRANSPORTATION AND PUBLIC UTILITIES is expected to grow by nearly 10,000 workers between 1976 and 1982 for a growth rate of over 23 percent. More than 40 percent of the growth is expected to be in the utilities and sanitary services which gained over 4,000 workers for a growth rate of nearly 50 percent. The communications industry showed the second highest employment gain with an increase of about 3,000 workers. Increasing population and the birth of shopping centers in suburbia will cause employment in these industries to continue to expand.

WHOLESALE AND RETAIL TRADE is the second largest of the service industries and is expected to gain 44,000 workers between 1976 and 1982, a growth rate of 23.5 percent. Both wholesale and retail trade have increased as population has grown and as rising personal incomes and the availability of credit have enabled people to buy a greater number and variety of goods. Retail trade has grown more rapidly than wholesale trade as the expansion of the suburbs has created a demand for more shopping centers. Although self-service is expected to become more prevalent, employment in retail trade, nonetheless, will continue to grow faster than in wholesale trade because of the high labor turnover in many retail occupations.

FINANCE, INSURANCE, AND REAL ESTATE will grow faster than Services as a whole and is the fastest growing Services industry. Employment is expected to increase from 39,880 to 49,540 workers between 1976 and 1982, an increase of 24.2 percent.

Within this group, the two fastest growing industries are expected to be banking and credit agencies. Employment in banking is expected to grow by nearly 40 percent between 1976 and 1982, reflecting a growing population that is increasingly paying its bills by check. Employment requirements will also grow as banks begin to provide more services, particularly the bank credit cards, remain open longer hours, and open more branches. Population growth also leads to an increased demand for the services of finance companies, savings and loans associations, and other credit agencies.

SERVICES is second only to Manufacturing in terms of the number of workers employed. Growth in this industry is primarily the result of significant increase in population, rising disposable income, and a growing demand for personal, business, educational, medical, and protective services. One of the fastest growing industries in the services division is medical services, which is expected to expand by nearly 12,000 workers for a 22.3 percent increase over the study period. Services is expected to grow by 20.8 percent for an increase of about 50,500 workers between 1976 and 1982.

GOVERNMENT, the third largest industry in the services sector, is expected to grow by nearly 15 percent between 1976 and 1982 for a gain of 13,240 workers. This growth rate is less than that for services as a whole. Growth is expected to be greatest in agencies providing human services, education, health, sanitation, and police and fire protection. Although State and Local Government will continue to be the major source of jobs, the budget problems many local governments now face are expected to retard the expansion of some government programs.

DISTRIBUTION OF GOODS-PRODUCING AND SERVICE-PRODUCING INDUSTRIES IN SOUTH CAROLINA, 1976 WITH PROJECTIONS TO 1982[1]

	1976 EMPLOYMENT	PERCENT 1976 EMPLOYMENT	PROJECTED 1982 EMPLOYMENT	PERCENT 1982 EMPLOYMENT	CHANGE	PERCENT CHANGE
TOTAL ALL INDUSTRIES	1,035,610	100.0	1,238,450	100.0	202,840	19.6
GOODS-PRODUCING INDUSTRIES	433,660	41.9	509,090	41.1	75,430	17.4
MINING	1,780	0.2	1,920	0.2	140	7.9
CONSTRUCTION	61,080	5.9	81,590	6.6	20,510	33.6
MANUFACTURING	370,800	35.8	425,580	34.3	54,780	14.8
SERVICE-PRODUCING INDUSTRIES	601,950	58.1	729,360	58.9	127,410	21.2
TRANS. & PUBLIC UTILITIES	42,700	4.1	52,690	4.3	9,990	23.4
WHOLESALE & RETAIL TRADE	187,580	18.1	231,580	18.7	44,000	23.5
FIN., INS., & REAL ESTATE	39,880	3.9	49,540	4.0	9,660	24.2
SERVICES	242,350	23.4	292,870	23.6	50,520	20.8
GOVERNMENT[2]	89,440	8.6	102,680	8.3	13,240	14.8

SOURCE: Research and Analysis, South Carolina Employment Security Commission.

1/ Excludes agricultural production workers, self-employed, unpaid family workers, workers in private households, and military personnel.

2/ Includes all Federal Government employees, all State and Local Government employees except those in education and hospitals which are included in Services.

NONFARM WAGE AND SALARY EMPLOYMENT ESTIMATE BY MAJOR INDUSTRY IN SOUTH CAROLINA WITH NET CHANGE AND PERCENT CHANGE 1976-1982

	ESTIMATED 1976	PROJECTED 1982	NET CHANGE 1976-1982	PERCENT CHANGE 1976-1982
TOTAL ALL INDUSTRIES 1/	1,035,610	1,238,450	202,840	19.6%
MINING	1,700	1,920	140	7.9
CONSTRUCTION	61,080	81,590	20,510	33.6
MANUFACTURING	370,800	425,580	54,780	14.8
DURABLE GOODS	99,590	131,510	31,920	32.1
LUMBER & WOOD PROD.	14,080	15,990	1,910	13.6
FURN. & FIXTURES	4,730	5,550	820	17.3
STONE CLAY & GLASS	10,850	13,270	2,420	22.3
PRIMARY METALS	4,460	5,970	1,510	33.9
FABRICATED METAL	11,550	15,980	4,430	38.4
MACH., EXC. ELECT.	24,770	34,950	10,180	41.1
ELECT. & ELECTRONIC EQUIP.	16,650	23,960	7,310	43.9
TRANS. EQUIP.	3,920	4,650	730	18.6
INSTRUMENTS & RELATED	4,240	5,590	1,350	31.8
MISC. MANUFACTURING	4,340	5,600	1,260	29.0
NONDURABLE GOODS	271,294	294,070	22,860	8.4
FOOD & KINDRED PROD.	13,730	15,700	1,970	14.3
TOBACCO MANUFACTURERS	540	500	-40	-7.4
TEXTILE MILL PROD.	149,520	153,420	3,900	2.6
APPAREL & OTHER TEX. PROD.	46,210	47,980	1,770	3.8
PAPER & ALLIED PROD.	13,470	15,680	2,210	16.4
PRINTING & PUBLISHING	6,380	8,000	1,620	25.4
CHEMICALS & ALLIED PROD.	31,650	37,230	5,580	17.6
PETROLEUM & COAL	340	390	50	14.7
RUBBER & MISC. PLASTIC PROD.	9,180	14,780	5,600	61.0
LEATHER & LEATHER PROD.	190	390	200	105.3
TRANS., & PUBLIC UTILITIES	42,700	52,690	9,990	23.4
WHOLESALE & RETAIL TRADE	187,580	231,580	44,000	23.5
FIN., INS., & REAL ESTATE	39,880	49,540	9,660	24.2
SERVICES	242,350	292,870	50,520	20.8
GOVERNMENT 2/	89,440	102,680	13,240	14.8

SOURCE: Research and Analysis, South Carolina Employment Security Commission.

1/ Excludes agricultural production workers, self-employed, unpaid family workers, workers in private household, and military personnel.

2/ Includes all Federal Government employees, all State and Local Government employees except those in education and hospitals which are included in Services.

OCCUPATIONAL EMPLOYMENT

Most of the State's nonfarm wage and salary workers currently are employed in industries that provide services, such as education, health care, trade, repair and maintenance, government, transportation, banking, and insurance. The production of goods through mining, construction and manufacturing requires only about two-fifths of the State's work force.

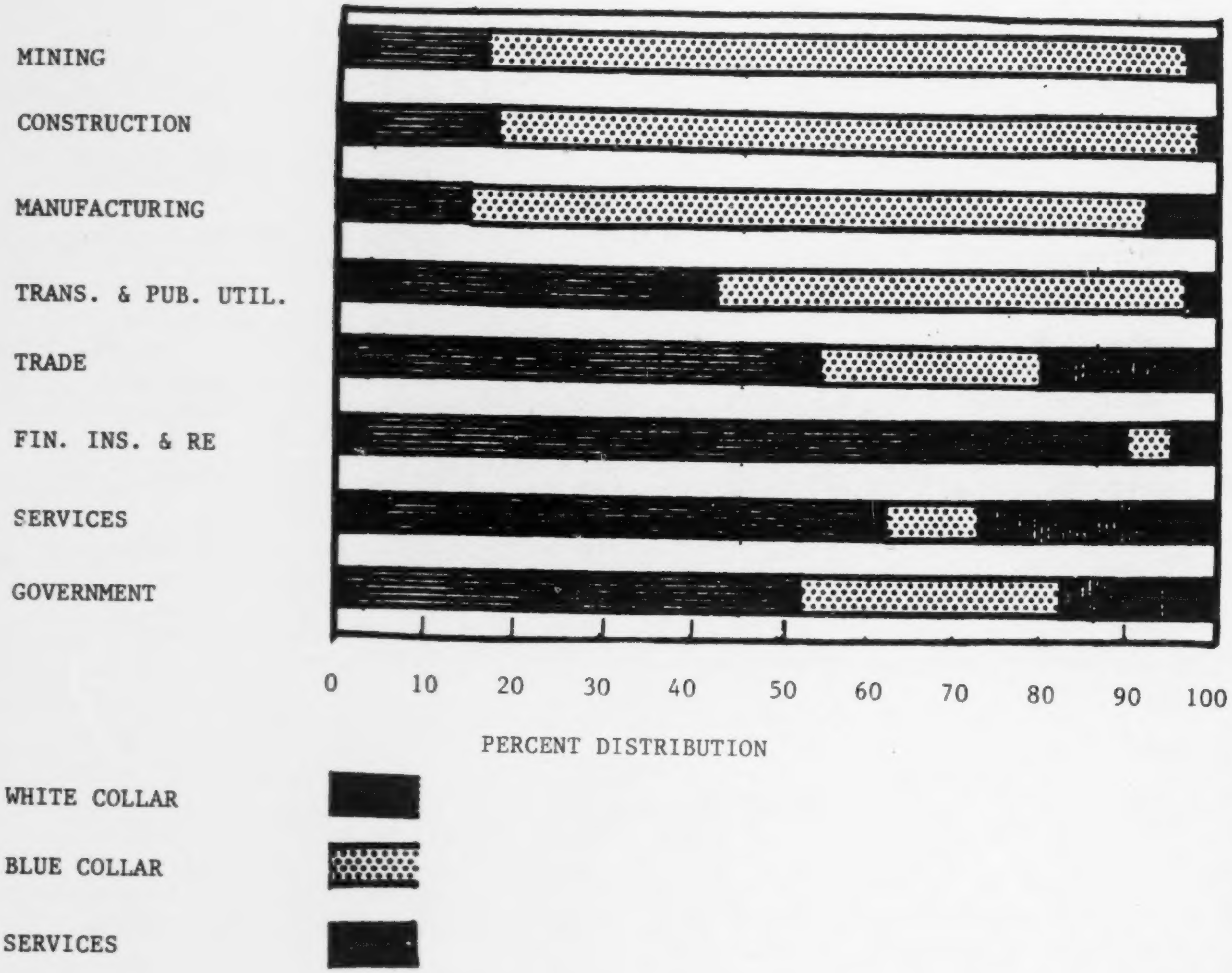
Employment in goods-producing industries has remained relatively constant since the early 50's, whereas the service-producing industries have expanded rapidly. Among the factors contributing to this rapid growth were the migration from rural to urban areas and the accompanying need for more local government services, and rising incomes and living standards that result in the demand for improved health and education services. These factors, along with a more recent phenomenon, the immigration of workers from northern states, are expected to continue to cause the demand for services to grow in the State.

The percentage share of goods-producing workers to total employment should decreased from 41.9 to 41.1 percent between 1976 and 1982. Significant gains in productivity resulting from automated production, improved machinery, and other technological advancements have permitted large increases in output without additional workers. Between 1976 and 1982, employment in goods-producing industries is expected to increase by over 17 percent from 433,660 to 509,090 workers.

The growth rates will vary, from industry to industry. MINING, the State's smallest industry division is expected to grow by nearly 8 percent during this period, the smallest growth rate experienced by any industry. The 140 employment growth in mining will be in the mining and quarrying of nonmetallic minerals, except fuels, the only mining industry in the State.

CONSTRUCTION is the fastest growing industry in the State with a 33.6 percent growth between 1976 and 1982, a gain of 20,510 workers. The percentage of total nonfarm wage and salary is expected to increase from 5.9 to 6.6 percent. The anticipated increase in population and households, and the relatively low level of housing construction in the early 70's, are expected to create strong pressure for new housing. Also there will be a growing demand for alteration and modernization work on existing structures as well as for maintenance and repair work on highway systems, dams, bridges, and similar projects.

OCCUPATIONAL DISTRIBUTION BY INDUSTRY DIVISIONS
SOUTH CAROLINA, 1976



PROFESSIONAL AND TECHNICAL WORKERS include a wide range of workers who are for the most part, highly trained. Included in this group are engineers, physicians, surveyors, embalmers, and labor economists. Employment in this group is expected to grow from 137,660 to 163,210 workers or 18.6 percent, between 1976 and 1982, about 1 percent less than the rate of growth expected for total nonfarm wage and salary. Therefore, the percentage of professional & technical workers to total nonfarm wage and salary will change very little during the 1976-1982 period.

Increased efforts towards energy production, transportation, and environmental protection as a result of a growing population and greater consumer awareness, will contribute to a growing demand for scientists, engineers, and technicians. The medical profession is expected to increase as the population gets older and more health conscious. The demand for professional and technical workers to develop and utilize computer resources also is projected to grow rapidly.

Job openings for some occupations will be less favorable, however, because the number of workers available will exceed the number of job openings. Teachers, for example, will continue to face stiff competition, as well as artists and entertainers.

MANAGERS include workers such as department store managers, construction inspectors and corporate executives. This group is expected to increase from 74,720 to 90,760 workers, or 21.5 percent between 1976 and 1982, about 2 percent above the growth rate expected for total nonfarm wage and salary. The percentage points of managers and officers to total employment, however, will remain about the same over the study period.

Changes in business size and organization have resulted in differing trends for self-employed and salaried managers. The number of self-employed managers will continue to decline as many areas of business are increasingly dominated by large corporations and chain operations. Supermarkets, corporately owned lodging places, and fast food chains, for example, will continue to restrict opportunities for the self-employed. Requirements for salaried managers, on the other hand, will grow as management specialists increasingly operate corporate owned establishments and more technically trained managers administer research and development programs. Rapidly expanding service industries will provide more jobs for managers than manufacturing industries which will grow more slowly.

SALES WORKERS are employed primarily in retail stores, wholesale firms, insurance companies, and real estate agencies. Employment is expected to increase from 52,860 to 63,330 or 19.8 percent, about the same rate as that for total nonfarm wage and salary. As a result of this growth rate, the proportion of sales workers to total employment will remain at 5.1 percent through 1982.

Much of the increase in the number of sales workers will result from expansion in the trade industry, which employs the majority of these workers. The demand for both full-and part-time sales workers in retail trade will increase because a growing population creates demand for more shopping centers and stores.

Despite the widespread use of labor-saving merchandising techniques such as self-service and computerized checkout procedures, suburban expansion and longer operating hours will cause employment to increase.

CLERICAL WORKERS make up both the second largest and the third fastest growing occupational category. Clerical employment is expected to rise from 159,210 to 193,260 workers, or about 21.4 percent between 1976 and 1982. The percentage of clerical workers to total nonfarm wage and salary will change very little, from 15.4 to 15.6 percent during the same period.

New developments in computers, office machines and dictation equipment will affect employment in various occupations within this group. For example, the more extensive use of computers to store information and for billing, payroll, and other clerical calculations will limit employment opportunities for file clerks and office machine operators while at the same time the need for computer and peripheral equipment operators will increase. Dictation machines will continue to adversely affect stenographers who are not trained as court reporters. Technological innovations will not affect many types of clerical workers whose jobs involve a high degree of personal contact. Substantial growth is anticipated for secretaries, typists, and receptionists as business services and medical and health care services expand.

CRAFT AND KINDRED WORKERS include a wide variety of highly skilled workers such as machinists, heavy equipment mechanics, dental lab technicians, electricians, bakers, and carpenters. Craft worker employment is expected to increase from 146,810 to 178,800, for a 21.8 percent increase between 1976 and 1982. The craft share of total nonfarm wage and salary will increase slightly from 14.2 to 14.5 percent over the 1976-1982 period.

Much of the increase in craft workers will come from expansion in the Construction Industry. Construction crafts workers, the third largest occupational group in craft workers, is expected to increase by 9,300 workers, a gain of 28.6 percent between 1976 and 1982, making it the fastest growing occupations in craft workers.

In contrast, a continuation of the trend toward technological advancement in the textile industry will lead to a decline in some craft occupations in that industry. An example of a declining craft occupation is loom fixers.

OPERATIVES, the largest blue-collar group, include workers such as assemblers, packers, truck drivers, and many types of machine operators. Employment of operatives is tied closely to the production of goods, because the majority of these workers are employed in manufacturing industries. The projected slow growth of manufacturing, along with improved production processes, will hold down the demand for these workers. Textile operatives, such as spinners and weavers, are expected to decline as the textile industry uses more machinery and faces stiff competition from imports.

Outside of manufacturing, employment of most transportation operatives, such as truckdrivers and route drivers will increase as the transportation industry grows.

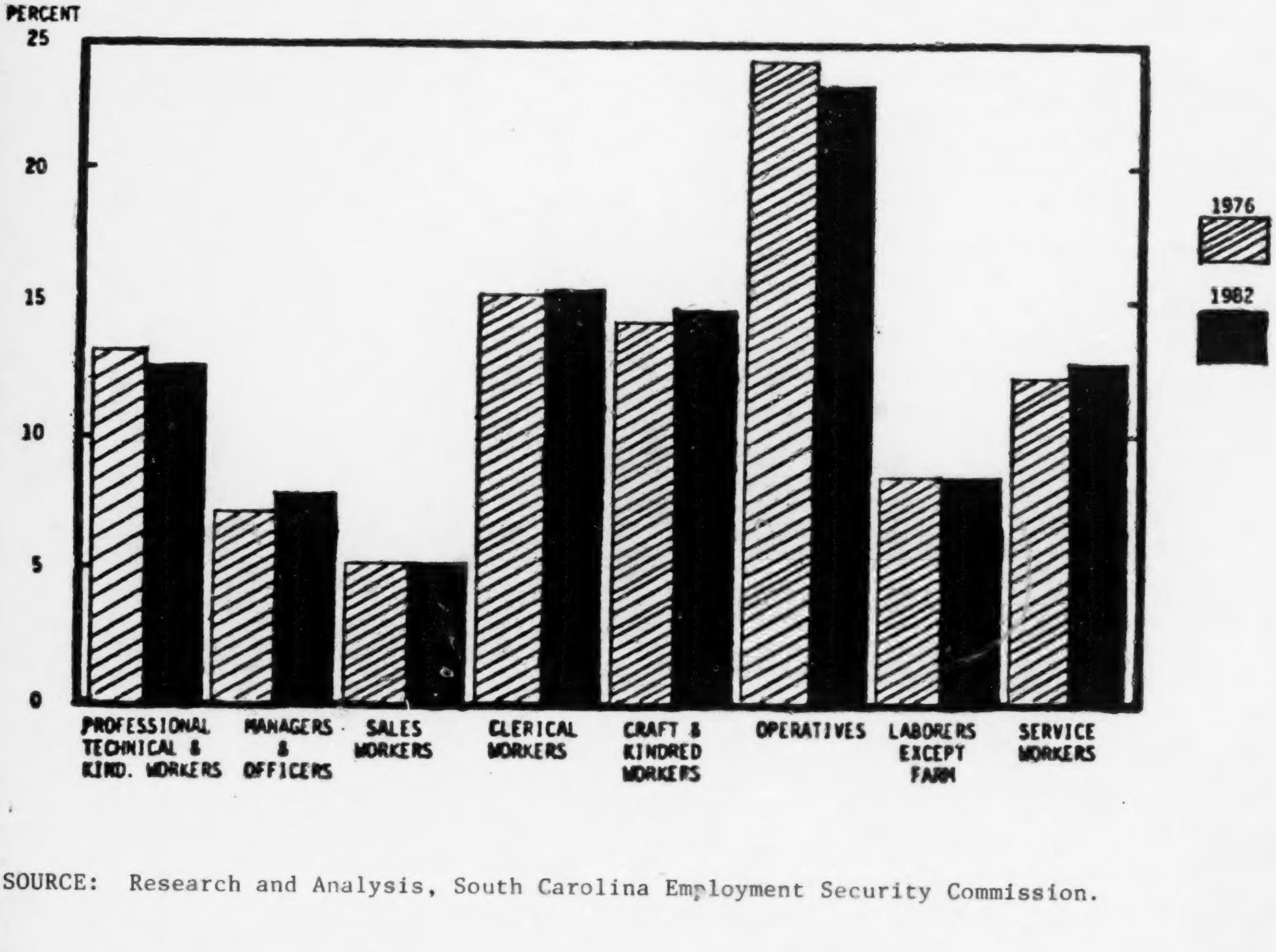
Employment of operatives is expected to increase from 253,780 to 290,250 between 1976 and 1982 or about 14.4 percent. The operative share of total nonfarm wage and salary is expected to decline slightly, from 24.5 to 23.4 percent.

SERVICE WORKERS include a wide range of workers--fire fighters, janitors cosmetologists, waiters, and guards are a few examples. These workers, mostly employed in service-producing industries, make up one of the fastest growing occupational groups. Factors expected to increase the need for these workers are the increasing demand for medical care; the greater need for protective and cleaning services; and the more frequent use of restaurants, beauty salons, and leisure services as incomes rise. Between 1976 and 1982, employment of service workers is expected to increase from 127,330 to 159,510 workers, or 25.3 percent.

LABORERS (except farm) include workers such as gardeners and groundskeepers, construction laborers, freight and stock handlers, and logging workers. Employment growth in this group is expected to be average as machinery increasingly replaces manual labor in construction and manufacturing, the two largest industries employing these workers. Power-driven equipment will handle more and more materials in factories, warehouses, and on consturction sites, and more plants will install integrated systems to process and convey materials and equipment. Between 1976 and 1982, employment of laborers is expected to rise from 83,110 to 99,330, or about 19.5 percent. The proportion of total nonfarm wage and salary made up of laborers will remain at 8 percent.

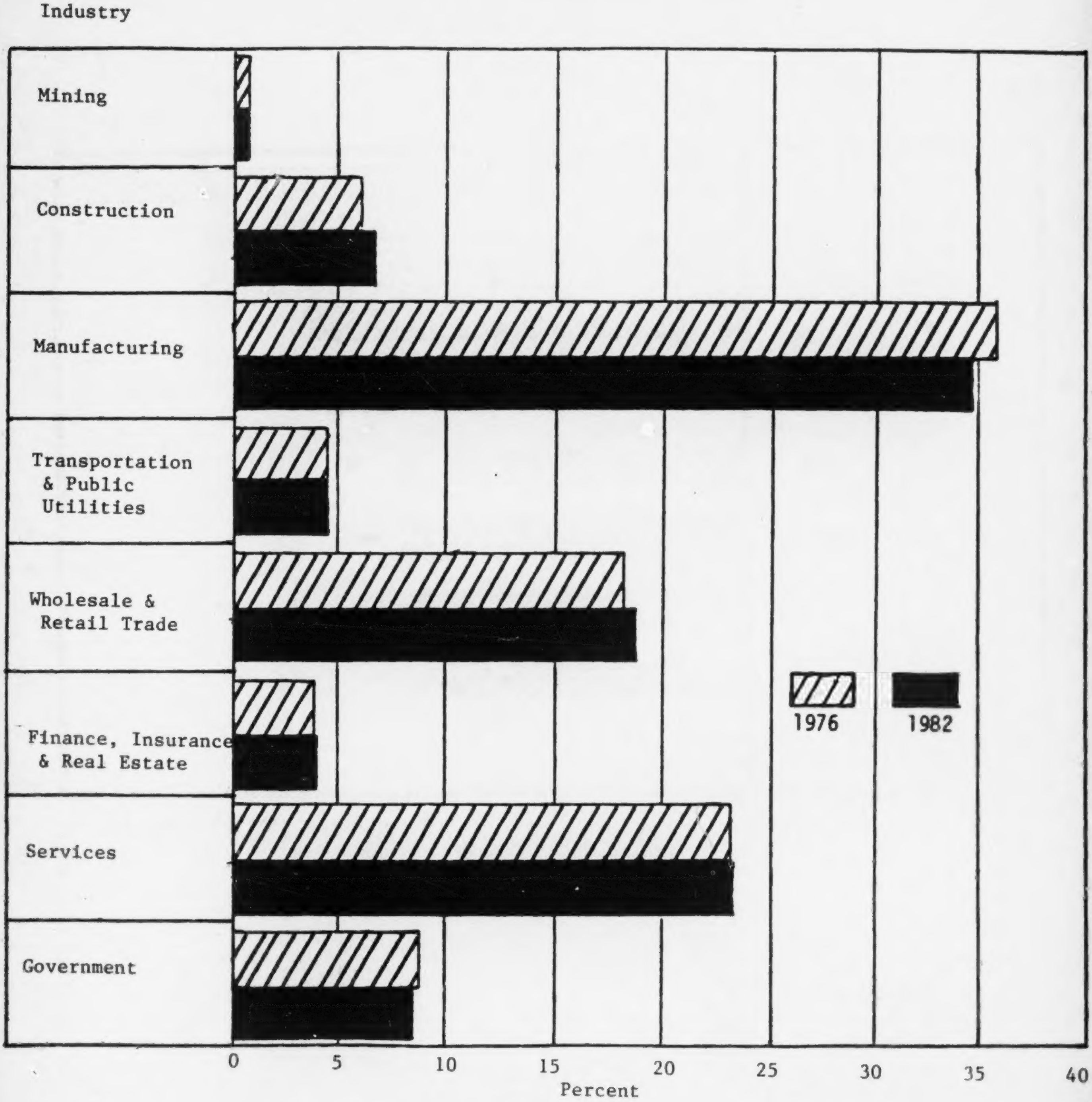
DISTRIBUTION OF TOTAL EMPLOYMENT BY MAJOR OCCUPATIONAL GROUP IN SOUTH CAROLINA 1976 AND PROJECTED 1982

	1976		PROJECTED 1982		
MAJOR OCCUPATIONAL GROUP	EMPLOYMENT	PERCENT DISTRIBUTION	EMPLOYMENT	PERCENT DISTRIBUTION	PERCENT CHANGE 1976-1982
TOTAL ALL OCCUPATIONS	1,035,480	100.0	1,238,450	100.0	19.6
WHITE-COLLAR WORKERS	442,450	41.0	510,560	41.2	15.4
PROFESSIONAL, TECHNICAL & KINDRED	137,660	13.3	163,210	13.2	18.6
MANAGERS, OFFICIALS, & PROPRIETORS	74,720	7.2	90,760	7.3	21.5
SALES WORKERS	52,860	5.1	63,330	5.1	19.8
CLERICAL WORKERS	159,210	15.4	193,260	15.6	21.4
BLUE-COLLAR WORKERS	483,700	46.7	568,380	45.9	17.5
CRAFT & KINDRED WORKERS	146,810	14.2	178,800	14.5	21.8
OPERATIVES	253,780	24.5	290,250	23.4	14.4
LABORERS, EXCEPT FARM	83,110	8.0	99,330	8.0	19.5
SERVICE WORKERS	127,330	12.3	159,510	12.9	25.3



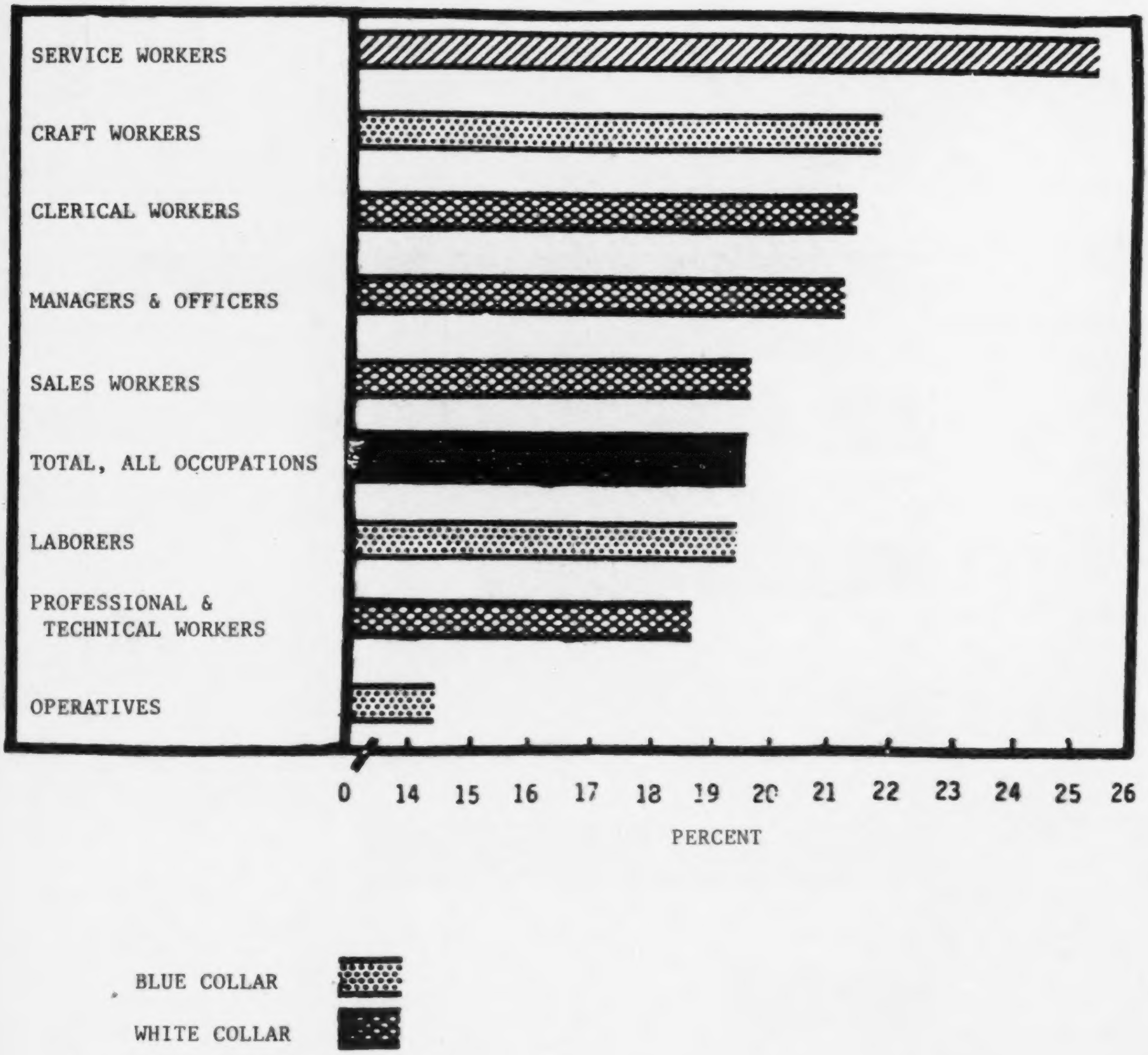
SOURCE: Research and Analysis, South Carolina Employment Security Commission.

PERCENT DISTRIBUTION OF TOTAL EMPLOYMENT BY MAJOR INDUSTRY DIVISION
SOUTH CAROLINA, 1976 AND PROJECTED 1982



SOURCE: Research and Analysis, South Carolina Employment Security Commission.

EMPLOYMENT GROWTH
BY OCCUPATIONAL CATEGORIES
1976 - 1982



ANNUAL AVERAGE JOB OPENINGS
SOUTH CAROLINA
1976-1982

Major Occupational Group	Total	Openings Due to Growth	Openings Due to Separations
Total All Occupations	66,340	34,050	32,290
White Collar Workers	29,570	14,360	15,210
Professional, Technical & Kindred Workers	8,730	4,270	4,460
Managers, Officials & Proprietors	5,750	2,670	3,080
Clerical Workers	11,220	5,670	5,550
Sales Workers	3,870	1,750	2,120
Blue Collar Workers	25,760	14,320	11,440
Craft & Kindred Workers	8,530	5,390	3,140
Operatives	12,120	6,220	5,900
Laborers	5,110	2,710	2,400
Service Workers	11,010	5,370	5,640

SOURCE: Research and Analysis, South Carolina Employment Security Commission.

OCCUPATIONS RANKED BY THE HIGHEST NUMBER OF JOB OPENINGS IN SOUTH CAROLINA 1976 - 1982

OCCUPATION	ANNUAL AVERAGE JOB OPENINGS 1976-1982	OPENINGS DUE TO GROWTH		OPENINGS DUE TO SEPARATIONS	
		ACTUAL	PERCENT	ACTUAL	PERCENT
JANITORS AND SEXTONS	3,200	1,310	41	1,890	59
SALES CLERKS	2,090	990	47	1,100	53
SECRETARIES	1,930	810	42	1,120	58
GENERAL CLERKS, OFFICE	1,420	690	49	730	51
ELEM. SCHOOL TEACHERS	1,320	500	38	820	62
CASHIERS	1,250	700	56	550	44
WAITERS OR WAITRESSES	1,160	730	63	430	37
ASSEMBLERS, HAND	1,090	800	73	290	27
HELPER, TRADES	1,050	660	63	390	37
COOKS, EXC. PRIVATE	1,040	550	53	490	47
SUPERVISORS, NONWORKING	1,030	590	57	440	43
TRUCK DRIVERS	1,030	660	64	370	36
NURSES AIDES, ORDERLIES	850	390	46	460	54
SEWING MACH. OPERS., REG. EQUIPMENT, GARMENT	850	160	19	690	81
MANAGERS, STORE	800	370	46	430	54
SECONDARY SCHOOL TEACHERS	780	430	55	350	45
GUARDS AND DOORKEEPERS	730	240	33	490	67
CARPENTERS	710	410	58	300	42
BOOKKEEPERS, HAND	650	330	51	320	49
NURSES, PROFESSIONAL	630	370	59	260	41
FOOD PREP. & SERV. WORKERS FAST FOOD RESTAURANT	590	350	59	240	41
INSPECTORS	530	320	60	210	40
TYPISTS	490	240	49	250	51
STOCK CLERKS	480	280	58	200	42
AUTO MECHANICS	450	280	62	170	38
RECEPTIONISTS	430	200	47	230	53
MAINTENANCE REPAIR, GEN. UTIL.	410	280	68	130	32
DELIVERY & ROUTE WORKERS	400	220	55	180	45
PRODUCTION PACKAGERS	390	220	56	170	44
STOCK CLERKS, SALES FLOOR	380	260	68	120	32
GARDNERS, GROUNDSKEEPERS, EXC. FARM	380	150	39	230	61
TELLERS	340	220	65	120	35
LICENSED PRATICAL NURSES	330	140	42	190	58
PLUMBERS &/OR PIPEFITTERS	330	220	67	110	33
ACCOUNTING CLERKS	310	150	48	160	52
TEACHERS, COLLEGE	310	150	48	160	52
BAGGERS	300	200	67	100	33
WEAVERS	290	0	00	290	100
SALES AGENTS, INSURANCE	280	100	36	180	64
HIGHWAY MAINTENANCE WORK	270	140	52	130	48
ACCOUNTANTS & AUDITORS	270	150	56	120	44
LIBRARIANS	270	100	37	170	63
HEAVY EQUIPMENT OPERATORS	270	190	70	80	30
PAINTERS, CONSTRUCTION	270	160	59	110	41
MAINTENANCE MECHANIC	250	140	56	110	44
FUEL PUMP ATTENDANTS	250	120	48	130	52

SOURCE: Research and Analysis, South Carolina Employment Security Commission.

OCCUPATIONS WITH DECLINING EMPLOYMENT 1976 - 1982[1]

OCCUPATIONS	EMPLOYMENT 1976	EMPLOYMENT 1982	ACTUAL CHANGE 1976-1982	ANNUAL AVERAGE OPENINGS
WEAVERS	11,900	11,540	-360	290
SPINNERS, FRAME	8,470	8,430	- 40	210
LOOM FIXERS	6,390	6,150	-240	140
SECTION REPAIRERS & SETTERS	3,570	3,540	- 30	70
SPOOLER OPERATORS, AUTOMATIC	2,490	2,410	- 80	70
SLUBBER TENDERS	1,560	1,540	- 20	40
WARP TYING MACHINE TENDERS	1,360	1,310	- 50	30
SMASH HANDS	1,000	950	- 50	20
QUILTING MACHINE OPERATORS	760	730	- 30	20
HARNESS BUILDERS, LOOM CHANGERS	460	440	- 20	10
DRAWERS-IN, HAND	460	450	- 10	10
DRAWING-IN MACHINE TENDERS	450	440	- 10	10
HARNESS PLACERS	450	430	- 20	10
SALES AGENTS, SALES REPRESENTATIVE SECURITY	230	170	- 60	10

SOURCE: Research and Analysis, South Carolina Employment Security Commission.

[1] Occupations are ranked in descending order by Annual Average Openings.

Thirteen of the fourteen declining occupations are textile-related occupations. There will be a demand for textile-related occupations, however, since it is a large occupational category and workers will be needed to replace those workers who separate from the occupations.

JOB SERVICE APPLICANTS

As of March 31, 1980, there were 92,599 applicants in the South Carolina Job Service active file. This represented a 6% increase over the comparable figure last year. Almost two thirds (64%) of the applicants were between the prime working years (22 - 44 years old). Another 20% were youth (under 22), and nearly 16% were older workers (over 45). Female applicants outnumbered their male counterparts by 13,385 accounting for 57% of the active file. Nearly 54% of the applicants were black.

Over half of the applicants in the active file had at least a high school education, with 16% having received training beyond high school (college, technical school, etc.). Almost 13% of the applicants were veterans, and half of these served during the Vietnam era. Those applicants classified as mentally or physically handicapped constituted slightly over 8% of the active file. The vast majority (91%) of the applicants were not working at the time of registration with Job Service, while 6% were working full-time, and 3% were employed part-time.

There were 32,430 economically disadvantaged applicants in the active file as of March 31, 1980, accounting for 35% of the total. In general, the disadvantaged applicants were rather young, with over 68% under the age of 35. Three-fourths of all the economically disadvantaged applicants were female, while 77% were black.

The educational level of the economically disadvantaged applicant was generally lower than that for all active applicants. Almost 60% of the disadvantaged applicants had less than a high school education, while only 9% received educational training beyond high school. Approximately 7% of the economically disadvantaged applicants were veterans, while nearly 13% were considered to be either physically or mentally handicapped. Around 92% of the economically disadvantaged applicants were not working at the time of their registration with Job Service, while only 4% had full-time job attachments when they registered.

There were 210,017 applicants available for services during the first six months of Fiscal Year 1980 (October 1, 1979 - March 31, 1980). Approximately one third of these applicants were referred to jobs, while 30,755 (15%) were actually placed. Of the total applicants available, approximately 29% had incomes low enough to be classified as economically disadvantaged. Of the total disadvantaged applicants, over 16,300 (27%) were referred to jobs and 8,100 (13%) were placed.

In terms of major occupational categories, the largest number of active applicants, as of March 31, 1980, were classified under the Clerical and Sales grouping. This category accounted for 15,128 applicants, or 19% of the total active file. The next largest category was Services, claiming 14,624 applicants. Among economically disadvantaged applicants, this situation was reversed. The Services category was largest, accounting for 8,677 applicants, or 30% of the disadvantaged active file. The Clerical and Sales category followed, with 4,238 applicants (15% of the total).

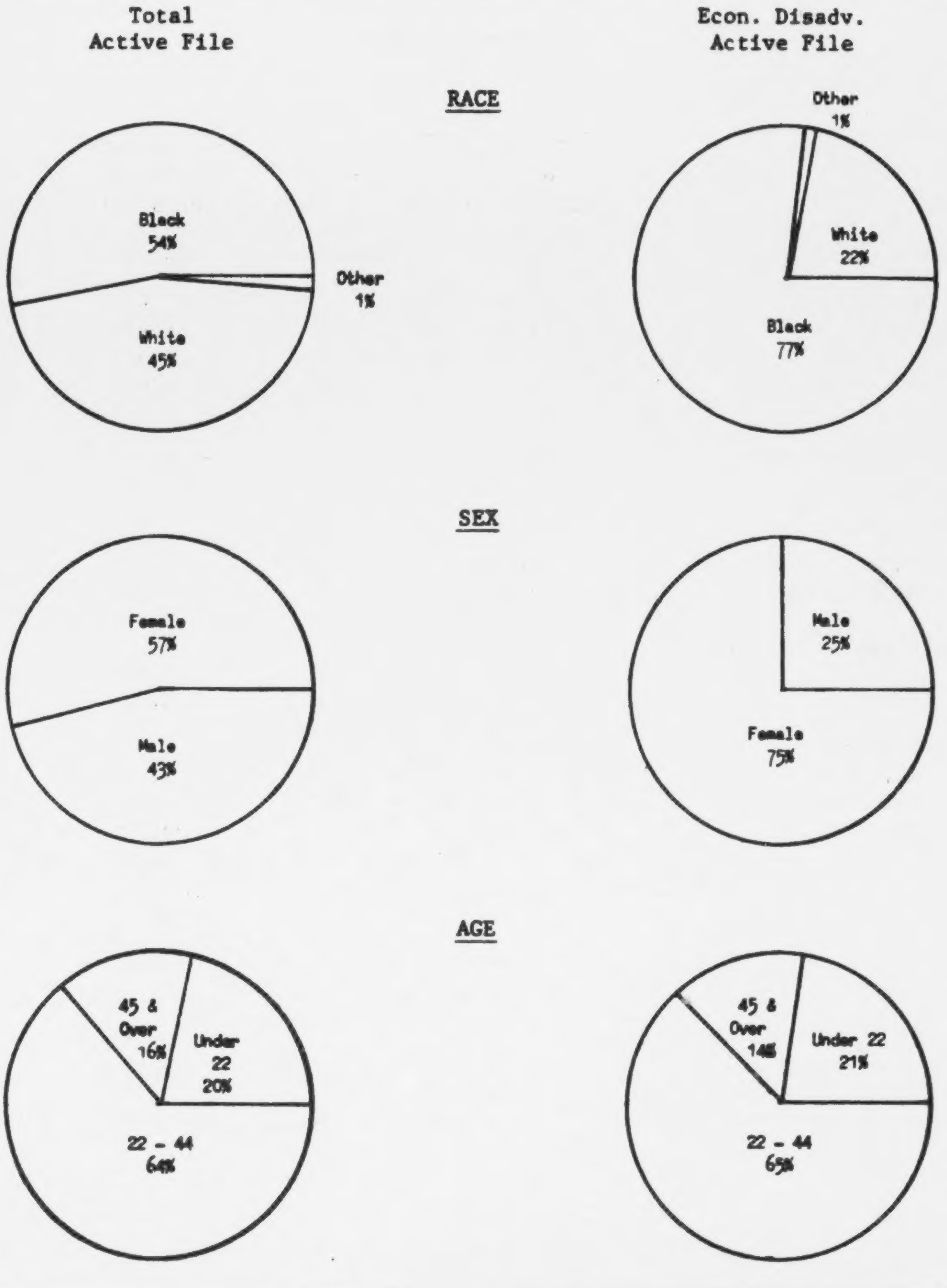
CHARACTERISTICS OF THE TOTAL AND ECONOMICALLY DISADVANTAGED ACTIVE FILES
SOUTH CAROLINA JOB SERVICE

MARCH 31, 1980

	Total Active Applicants	% of Total	Econ. Disadv. Active Applicants	% of Total
Total	92,599	100.0	32,430	100.0
Age				
Under 22	18,674	20.2	6,837	21.1
22 - 44	59,188	63.9	20,909	64.5
45 and Over	14,737	15.9	4,684	14.4
Race				
Black	49,670	53.6	24,947	76.9
White	42,169	45.5	7,258	22.4
Sex				
Male	39,607	42.8	8,127	25.1
Female	52,992	57.2	24,303	74.9
Highest School Grade				
0 - 12	77,963	84.2	29,668	91.5
Over 12	14,636	15.8	2,762	8.5
Employment Status				
Full Time	5,530	6.0	1,274	3.9
Part Time	3,144	3.4	1,362	4.2
Not Working	83,925	90.6	29,794	91.9

CHARACTERISTICS OF THE TOTAL AND ECON. DISADV. ACTIVE FILES
SOUTH CAROLINA JOB SERVICE

March 31, 1980



SOURCE: S. C. Employment Security Commission
Research and Analysis

SERVICES RENDERED TO TOTAL AND ECONOMICALLY DISADVANTAGED APPLICANTS
SOUTH CAROLINA JOB SERVICE

October 1979 - March 1980

	Total Applicants Available	% of Total	Econ. Disadv. Applicants Available	% of Total
Total	210,017	100.0	60,376	100.0
New Applicants	101,215	48.2	20,746	34.4
Renewals	45,503	21.7	9,489	15.7
Counseled	10,648	5.1	5,726	9.5
Tested	12,216	5.8	3,166	5.2
Enrolled in Training	3,349	1.6	2,130	3.5
CETA Institutional	2,012	1.0	1,454	2.4
Job Dev. Contacts Made	13,391	6.4	3,625	6.0
Referred to Supportive Serv.	15,300	7.3	7,064	11.7
Referred to Job	69,418	33.1	16,365	27.1
Placed on Job	30,755	14.6	8,109	13.4
Nonagricultural	30,126	14.3	8,057	13.3
Over 3 Days	28,086	13.4	7,783	12.9
Over 150 Days	25,435	12.1	7,201	11.9

DISTRIBUTION OF JOB SERVICE ACTIVE FILE BY MAJOR OCCUPATIONAL CATEGORY IN SOUTH CAROLINA 1/

DOT	Occupational Category	Total	% of Total	Female		Veteran		Under 22		Minority		Econ. Disadv.	
				Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
	All Occupations	80,205	100.0	46,025	100.0	10,910	100.0	15,219	100.0	43,401	100.0	29,079	100.0
0	Prof. Tec. & Mgr.	2,324	2.9	1,412	3.1	464	4.3	129	0.8	907	2.1	493	1.7
1	Prof. Tec. & Mgr.	3,684	4.6	1,436	3.1	1,127	10.3	158	1.0	932	2.1	448	1.5
2	Clerical & Sales	15,128	18.9	12,256	26.6	1,425	13.1	3,140	20.6	5,820	13.4	4,238	14.6
3	Services	14,624	18.2	11,529	25.0	974	8.9	2,327	15.3	11,351	26.2	8,677	29.8
4	Farm & Fishery	1,605	2.0	615	1.3	127	1.2	331	2.2	1,186	2.7	928	3.2
5	Processing	2,042	2.5	928	2.0	285	2.6	269	1.8	1,186	2.7	607	2.1
6	Machine Trade	9,343	11.6	4,458	9.7	1,534	14.1	1,486	9.8	4,195	9.7	2,407	8.3
7	Bench Work	5,930	7.4	4,862	10.6	303	2.8	752	4.9	3,183	7.3	2,149	7.4
8	Structural Work	8,955	11.2	347	0.8	2,553	23.4	1,406	9.2	3,718	8.6	1,775	6.1
9	Miscellaneous	8,106	10.1	1,822	4.0	1,759	16.1	1,591	10.5	4,710	10.9	2,185	7.5

1/ As of the period ending March 31, 1980

NOTE: Because of the size of the Professional, Technical, and Managerial occupational category two (2) one digit classifications are necessary. Add "0" and "1" classifications to derive a total for Professional, Technical, and Managerial occupations.

CHARACTERISTICS OF APPLICANTS IN THE ACTIVE FILE BY COUNTY AS REPORTED IN ESARS

MARCH 31, 1980

County of Residence	Total	Female		Eco. Disad.		Black		Welfare		Veteran		Eligible Clmt.		Under 22		45 & Older	
		Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
TOTAL*	92,459	52,912	57.2	32,388	35.0	49,612	53.7	17,609	19.0	11,641	12.6	30,060	32.5	18,646	20.2	14,712	15.9
Abbeville	622	354	56.9	182	29.3	348	55.9	105	16.9	86	13.8	216	34.7	134	21.5	91	15.0
Aiken	2,373	1,411	59.5	744	31.4	1,093	46.1	447	18.8	262	11.0	806	34.0	436	18.4	364	15.3
Allendale	367	216	58.9	147	40.1	296	80.7	69	18.8	25	6.8	126	34.3	58	15.8	57	15.5
Anderson	3,634	1,961	54.0	824	22.7	1,047	28.8	336	9.2	531	14.6	1,843	50.7	795	21.9	631	17.4
Bamberg	560	316	56.4	150	26.8	382	68.2	58	10.4	41	7.3	174	31.1	121	21.6	100	17.9
Barnwell	742	480	64.7	324	43.7	447	60.2	223	30.1	49	6.6	198	26.7	143	19.3	106	14.3
Beaufort	1,554	1,056	68.0	588	37.8	1,028	66.2	429	27.6	188	12.1	573	36.9	307	19.8	231	14.9
Berkeley	3,078	1,740	56.5	1,326	43.1	1,439	46.8	431	14.0	537	17.4	825	26.8	518	16.8	451	14.7
Calhoun	371	218	58.8	135	36.4	297	80.1	79	21.3	31	8.4	121	32.6	94	25.3	31	8.4
Charleston	9,809	6,329	64.5	5,260	53.6	6,411	65.4	3,069	31.3	1,289	13.1	2,074	21.1	1,891	19.3	1,263	12.9
Cherokee	1,767	1,006	56.9	347	19.6	597	33.8	185	10.5	186	10.5	720	40.7	388	22.0	276	15.6
Chester	1,303	597	45.8	262	20.1	683	52.4	74	5.7	185	14.2	633	48.6	338	25.9	201	15.4
Chesterfield	478	268	56.1	159	33.3	245	51.3	67	14.0	60	12.6	163	34.1	78	16.3	101	21.1
Clarendon	602	329	54.7	240	39.9	454	75.4	88	14.6	66	11.0	251	41.7	129	21.4	62	10.3
Colleton	1,074	662	61.6	523	48.7	793	73.8	355	33.1	136	12.7	293	27.3	234	21.8	187	17.4
Darlington	2,012	1,281	63.7	915	45.5	1,232	61.2	662	32.9	160	8.0	479	23.8	400	19.9	315	15.7
Dillon	1,372	674	49.1	595	43.4	838	61.1	62	4.5	127	9.3	531	38.7	243	17.7	284	20.7
Dorchester	1,265	694	54.9	461	36.4	534	42.2	90	7.1	226	17.9	408	32.3	230	18.2	144	11.4
Edgefield	365	182	49.9	50	13.7	269	73.7	9	2.5	18	4.9	126	34.5	81	22.2	66	18.1
Fairfield	382	196	51.3	81	21.2	297	77.7	64	16.8	31	8.1	50	13.1	63	16.5	76	19.9
Florence	3,777	2,182	57.8	1,331	35.2	2,207	58.4	755	20.0	475	12.6	1,239	32.8	644	17.1	555	14.7
Georgetown	1,154	675	58.5	581	50.3	813	70.5	276	23.9	105	9.1	224	19.4	310	26.9	135	11.7
Greenville	6,985	3,655	52.3	1,922	27.5	2,584	37.0	966	13.8	1,254	18.0	2,997	42.9	1,493	21.4	1,390	19.9
Greenwood	1,273	798	62.7	461	36.2	657	51.6	244	19.2	153	12.0	230	18.1	211	16.6	171	13.4
Hampton	621	429	69.1	306	49.3	456	73.4	225	36.2	48	7.7	171	27.5	124	20.0	106	17.1
Horry	4,183	2,325	55.6	1,136	27.2	1,835	43.9	504	12.0	366	8.7	1,363	32.6	875	20.9	732	17.5
Jasper	211	114	54.0	46	21.8	158	74.9	11	5.2	17	8.1	89	42.2	41	19.4	39	18.5
Kershaw	1,136	592	52.1	366	32.2	610	53.7	196	17.3	152	13.4	493	43.4	258	22.7	205	18.0
Lancaster	1,116	556	49.8	153	13.7	407	36.5	92	8.2	151	13.5	601	53.9	293	26.3	146	13.1
Laurens	1,362	726	53.3	346	25.4	614	45.1	171	12.6	140	10.3	453	33.3	326	23.9	157	11.5
Lee	758	448	59.1	286	37.7	656	86.5	109	14.4	30	4.0	188	24.8	206	27.2	158	20.8
Lexington	1,907	948	49.7	398	20.9	415	21.8	322	16.9	357	18.7	595	31.2	289	15.2	317	16.6
McCormick	169	103	60.9	63	37.3	140	82.8	35	20.7	12	7.1	40	23.7	38	22.5	31	18.3
Marion	2,085	1,212	58.1	893	42.8	1,606	77.0	311	14.9	176	8.4	717	34.4	375	18.0	469	22.5
Marlboro	1,382	742	53.7	522	37.8	846	61.2	245	17.7	130	9.4	382	27.6	304	22.0	220	15.9
Newberry	845	456	54.0	241	28.5	460	54.4	169	20.0	103	12.2	305	36.1	149	17.6	148	17.5
Oconee	1,486	626	42.1	172	11.6	187	12.6	17	1.1	229	15.4	904	60.8	288	19.4	253	17.0
Orangeburg	4,672	2,913	62.4	1,907	40.8	3,545	75.9	1,042	22.3	288	6.2	1,111	23.8	1,042	22.3	773	16.5
Pickens	795	388	48.8	89	11.2	101	12.7	29	3.6	131	16.5	229	28.8	160	20.1	130	16.4
Richland	6,991	4,216	60.3	3,051	43.6	5,062	72.4	2,556	36.6	1,116	16.0	1,404	20.1	1,279	18.3	988	14.1
Saluda	181	90	49.7	52	28.7	110	60.8	29	16.0	23	12.7	35	19.3	50	27.6	31	17.1
Spartanburg	5,963	3,270	54.8	1,428	23.9	2,168	36.4	707	11.9	748	12.5	1,892	31.7	1,198	20.1	976	16.4
Sumter	3,448	2,030	58.9	1,393	40.4	2,194	63.6	833	24.2	498	14.4	1,344	39.0	739	21.4	464	13.5
Union	1,041	546	52.4	150	14.4	359	34.5	27	2.6	85	8.2	601	57.7	240	23.1	174	16.7
Williamsburg	1,404	886	63.1	974	69.4	1,190	84.8	465	33.1	104	7.4	288	20.5	271	19.3	274	19.5
York	3,470	1,883	54.3	776	22.4	1,418	40.9	367	10.6	460	13.3	1,497	43.1	713	20.5	596	17.2

* Includes applicants from out of state.

SUMMARY OF SERVICES PERFORMED BY THE SOUTH CAROLINA EMPLOYMENT SERVICE AS REPORTED IN ESARS

OCTOBER 1979 - MARCH 1980

Characteristics of Applicants	Total Applicants Available	Individuals Referred to Jobs		Individuals Placed				Individuals Counseled	Individuals Enrolled in Training	Individuals Tested	Applicants For Whom Job Development Contacts Were Made
		Total	Nonag.	Total	Percent of Applicants Available	Nonagricultural					
						Total	Over 3 Days				
TOTAL	210,017	69,418	68,643	30,755	14.6	30,126	28,086	10,648	3,349	12,216	13,391
AGE											
Under 22	49,831	17,974	17,773	8,999	18.1	8,834	8,282	3,146	1,679	3,321	2,117
22 - 44	129,552	43,987	43,566	18,404	14.2	18,070	16,944	6,356	1,590	8,082	8,888
45 and Over	30,634	7,457	7,304	3,352	10.9	3,222	2,860	1,146	80	813	2,386
SEX											
Male	96,875	36,481	35,943	16,346	16.9	15,928	15,011	5,110	1,538	3,745	8,611
Female	113,142	32,937	32,700	14,409	12.7	14,198	13,075	5,538	1,811	8,471	4,780
HIGHEST SCHOOL GRADE COMPLETED											
Less than HS	92,439	25,803	25,198	12,063	13.0	11,549	10,831	4,385	1,570	3,231	4,933
HS and Above	117,578	43,615	43,445	18,692	15.9	18,577	17,255	6,263	1,779	8,985	8,458
RESIDENCE											
Urban	77,921	27,900	27,699	12,099	15.5	11,944	10,686	5,037	1,335	4,778	5,113
Rural	132,096	41,518	40,944	18,656	14.1	18,182	17,400	5,611	2,014	7,438	8,278
ETHNIC GROUP											
White	106,855	37,814	37,634	16,208	15.2	16,110	15,030	4,488	1,302	6,209	7,687
Black	101,094	30,866	30,397	14,167	14.0	13,762	12,813	6,006	2,010	5,860	5,523
VETERAN	27,820	12,467	12,404	5,187	18.6	5,148	4,941	2,472	303	1,261	6,202
Disabled	1,490	753	751	371	24.9	370	353	296	18	73	418
Recently Separated	10,258	4,828	4,812	2,112	20.6	2,106	2,036	1,124	154	615	2,014
Vietnam Era	14,070	6,686	6,668	2,784	19.8	2,774	2,680	1,238	153	723	3,133
HANDICAPPED	15,105	4,845	4,811	2,249	14.9	2,227	2,118	2,232	241	601	1,540
CETA	17,700	8,180	8,157	4,826	27.3	4,810	4,679	4,068	1,650	1,853	1,201
MIGRANTS	651	379	118	321	49.3	86	81	43	4	8	96
ELIGIBLE CLAIMANTS	68,211	18,225	18,153	6,379	9.4	6,350	6,107	2,256	463	2,426	4,805
ECONOMICALLY DIS-ADVANTAGED	60,376	16,365	16,299	8,109	13.4	8,057	7,783	5,726	2,130	3,166	3,625

SERVICES PROVIDED TO APPLICANT GROUPS BY THE SOUTH CAROLINA EMPLOYMENT SERVICE AS REPORTED IN ESARS

OCTOBER 1979 - MARCH 1980

Services Rendered	Total	Youth Under 22		45 Years & Older		Minority		Veteran		Eligible Claimant		CETA	
		Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
New Applicants	101,215	25,575	25.3	13,576	13.4	42,921	42.4	12,591	12.4	27,401	27.1	6,348	6.3
Applicants Renewed	45,503	12,442	27.3	6,283	13.8	25,233	55.5	6,207	13.6	11,181	24.6	N/A	-
Counseled	10,648	3,146	29.5	1,146	10.8	6,149	57.7	2,472	23.2	2,256	21.2	4,068	38.2
Tested	12,216	3,321	27.2	813	6.7	5,971	48.9	1,261	10.3	2,426	19.9	1,853	15.2
Enrolled in Training	3,349	1,679	50.1	80	2.4	2,037	60.8	303	9.0	463	13.8	1,650	49.3
Job Development													
Contacts Made	13,391	2,117	15.8	2,386	17.8	5,693	42.5	6,202	46.3	4,805	35.9	1,201	9.0
Referred to Job	69,418	17,974	25.9	7,457	10.7	31,503	45.4	12,467	18.0	18,225	26.3	8,180	11.8
Nonagricultural	68,643	17,773	25.9	7,304	10.6	30,909	45.0	12,404	18.1	18,153	26.4	8,157	11.9
Agricultural	1,217	309	25.4	200	16.4	810	66.6	174	14.3	172	14.1	N/A	-
Placed on Jobs	30,755	8,999	29.3	3,352	10.9	14,503	47.2	5,187	16.9	6,379	20.7	4,826	15.7
Nonagricultural	30,126	8,834	29.3	3,222	10.7	13,973	46.4	5,148	17.1	6,350	21.1	4,810	16.0
Over 3 Days	28,086	8,282	29.5	2,860	10.2	13,015	46.3	4,941	17.6	6,107	21.7	4,679	16.7
Agricultural	735	182	24.8	150	20.4	617	83.9	61	8.3	36	4.9	18	2.4
After Counseling	2,839	852	30.0	279	9.8	1,728	60.9	710	25.0	615	21.7	1,249	44.0
After Job Development	3,576	882	24.7	428	12.0	1,481	41.4	884	24.7	802	22.4	289	8.1
Inactivated	136,014	35,640	26.2	18,283	13.4	63,230	46.5	18,599	13.7	33,907	24.9	12,397	9.1
With Positive													
Terminal Service 1/	28,156	9,033	32.1	2,905	10.3	13,504	48.0	4,687	16.6	5,448	19.3	5,017	17.8
With Other Service	48,126	11,646	24.2	5,510	11.4	20,833	43.3	10,805	22.5	11,261	23.4	4,456	9.3
With No Service	59,732	14,961	25.0	9,868	16.5	28,893	48.4	3,107	5.2	17,198	28.8	2,924	4.9
Active File (3-31-80)	92,599	18,674	20.2	14,737	15.9	50,287	54.3	11,657	12.6	30,088	32.5	7,715	8.3

1/ Positive terminal service includes job placement or training enrollment.

NA - Not Available

BARRIERS TO EMPLOYMENT - SOUTH CAROLINA

The contents of this section are based on the results of a survey conducted for the purpose of identifying and measuring the most prevalent employment barriers faced by target group individuals. The survey, which listed 23 typical employment barriers, was divided into four target groups: economically disadvantaged, veteran, minority, and youth. The survey participants in each case were academically trained Employment Service or CETA counselors who work closely with persons in various target groups. We believe these counselors were an excellent source for this type of information, since, besides working with problem job applicants, they are in frequent contact with local area employers, other human service agencies, and community leaders. The survey was distributed to and completed by counselors in 29 Employment Service offices throughout the State. Results were then assigned to the Planning District which the respective office serves.

Presented below are the findings of this survey categorized by target group:

A. ECONOMICALLY DISADVANTAGED

An individual in this target group is one who is a member of a family which: (1) receives cash welfare payments, or (2) has a total annual income for the 12 months prior to application in relation to family size and location that does not exceed the most recently established poverty levels determined in accordance with criteria established by the Office of Management and Budget (OMB).

A solid majority of the counselors questioned throughout the state selected lack of skills as the single most prevalent barrier to employment experienced by the economically disadvantaged. Lack of basic education was ranked second in significance. These major barriers are closely related because it takes a certain functional education level to acquire the marketable skills necessary for most occupations in today's labor market. Without a sound education in the three R's, it is difficult to acquire these skills whether they are offered on the job or in a classroom. With a void of skills and basic education, many of these persons are unable to find work above the laborer level. Ranked third in significance was the lack of transportation. It seems there are ample numbers of economically disadvantaged persons willing and able to work, but because of their financial situation, cannot afford reliable transportation of their own. To be left dependent on public transportation is frustrating and to a degree is an employment barrier. Public transportation in most planning districts is limited in geographic coverage and often does not serve the outlying areas where many jobs exist. Lack of work experience was ranked fourth and, of course, is interrelated with the problems already mentioned.

Without skills, basic education and transportation, work experience is difficult to acquire. Ranked fifth by frequency of significance was poor work record which results from the first four barriers. Because of the above problems, work records of many economically disadvantaged show short-term work usually followed by extended time gaps between jobs. Child care, another serious barrier to employment, ranked sixth. There seems to be a genuine need for low cost child care facilities available to entry job level parents (usually mothers), many of whom are heads of households. Steps have been taken through CETA to provide child care during training but the transition from subsidized training to unsubsidized employment is difficult, especially when child care may represent 1/3 or more of the worker's take home pay.

Barriers that were of lesser consequence were police records, obsolete skill, and sex.

The ten most intensive problems seem to be:

1. Lack of skills
2. Lack of basic education
3. Transportation
4. Lack of work experience
5. Poor work record
6. Child care
7. Insufficient job training
8. Lack of interpersonal skills
9. Lack of employment interview skills
10. Poor attitude

B. VETERANS

An individual in this target group is one who served in the active military, naval, or air service and who was discharged or released therefrom with other than a dishonorable discharge, as shown on Form DD-214 or other official document.

When all responses from counselors were weighted for frequency, lack of skills emerged as the most important barrier to employment faced by many veterans throughout the state. Most veterans have serious problems in marketing their military skills in civilian industry. Ranked second in significance was unrealistic wage expectations. Often veterans have difficulty adjusting to a lower wage than they were accustomed to on active duty. Also, just as often, veterans are treated as an entry level employee, and are offered entry wages. Transportation appeared third followed by lack of work experience. Insufficient job training was chosen as the fifth most prevalent employment barrier. Barriers four and five relate to the problems adjusting to the civilian industrial composition. Veterans usually have training and experience but it sometimes does not fit smoothly into the skill areas employers require.

Barriers that were of lesser consequence were age, child care, sex, race, and employer attitude.

The ten most intensive problems seem to be:

1. Lack of skills
2. Unrealistic wage expectation
3. Transportation
4. Lack of work experience
5. Insufficient job training
6. Poor attitude
7. Poor work record
8. Lack of employment interview skills
9. Obsolete skills
10. Lack of basic education

C. MINORITY

By definition, an individual in this target group is one who is other than white.

Even before scores were weighted for frequency, a majority of the counselors questioned throughout the state chose lack of skills as the single most prevalent barrier to employment experienced by minority target group members. Lack of basic education was selected as the second most important barrier. It is again noted, as under the economically disadvantaged category, that the second barrier contributes to the first. Without a reasonably functional education level (7 through 12 for most skills), it is not easy to acquire the required skills to succeed in today's labor market. This educational level does not vary significantly whether the skills are taught on the job or in a classroom. Ranked third was the lack of transportation. Many minority members cannot, because of their economic situation, afford reliable transportation of their own. They must, therefore, rely on public transportation which further compounds the problem. Most public transportation throughout the state is limited in geographic coverage and frequently does not service outlying areas where jobs are available. Poor work record was ranked fourth and results from the employment barriers already discussed. Work records usually are riddled by short term employment punctuated by extended time gaps between jobs. Ranked fifth by significance was lack of work experience which results in a large part to the first three barriers, lack of skills, basic education and transportation.

Barriers that were of lesser consequence were age and sex.

The ten most intensive problems seem to be:

1. Lack of skills
2. Lack of basic education
3. Transportation
4. Poor work record
5. Lack of work experience
6. Lack of employment interview skills
7. Insufficient job training
8. Unrealistic wage expectation
9. Employer attitude
10. Lack of interpersonal skills

D. YOUTH

By definition, an individual in this target group is a person who has not reached his or her 22nd birthday.

More counselors than not selected lack of skills as the single most prevalent employment barrier experienced by youth throughout South Carolina. Lack of work experience emerged as the second most serious followed by lack of basic education. This sequence indicates that although youth seem be be better educated than other target groups (excluding veterans), they too face the paramount problems of not possessing the required skills to successfully compete in today's more technically oriented labor market. Without skills, meaningful work experience is lacking from their work records. Ranked fourth by significance was age (too young), followed by transportation. Many youth, since they are relative newcomers to the world of work, often do not have sufficient capital reserves to purchase their own reliable transportation. These same youth then have to rely on either family shared or public transportation. As mentioned previously, public transportation is limited at best, and in itself is an employment barrier.

Barriers that were of lesser or no consequence were health problems, child care, obsolete skills, sex and race.

The ten most intensive problems seem to be:

1. Lack of skills
2. Lack of work experience
3. Lack of basic education
4. Age (too young)
5. Transportation
6. Lack of employment interview skills
7. Insufficient job training
8. Employer attitude
9. Unrealistic wage expectation
10. Lack of interpersonal skills.

INDIVIDUALS NEEDING MANPOWER SERVICES

South Carolina

Base period used Annual average 1979	Projected for 1981
1. Total Resident Population - 1981	3,046,200
a. Age Distribution:	
15 through 19 years	290,000
20 through 29 years	576,200
30 through 39 years	437,600
40 through 44 years	163,800
45 years and over	836,500
b. Members of minority -- Total	946,700
16 years and over	644,800
2. Total Civilian Labor Force 1/ (Projected 1981 Average)	1,360,000
a. Employed, Total (Projection)	1,287,000
b. Unemployed (Projection)	73,000
(1) Unemployment Rate	5.4%
	1981
3. Universe of Need for Manpower Services (Number of different individuals in year)	430,300
a. Poor	108,600
(1) Disadvantaged	99,400
(2) Other Poor	9,200
b. Non-Poor	321,700
(1) Near-Poverty	115,800
(2) All other Non-Poor	205,900
4. Unemployed and Underutilized Disadvantaged: by Category (12 month average)	99,400
a. Unemployed	14,600
b. Underutilized	84,800
(1) Employed part-time for economic reasons	14,500
(2) Employed full-time, but with family income at or below poverty level	29,000
(3) Not in the labor force but should be	41,300
5. Estimated Welfare Recipients needing manpower services	27,900
6. Estimated School Dropouts	7,900
7. Estimated number of Veterans needing manpower services	45,000
a. Number of Vietnam-Era Veterans	28,800
8. Estimated number of Minorities needing manpower services	197,700
9. Total number of different individuals unemployed during year	248,200

1/ Labor Force data adjusted to 1979 Current Population Survey Levels.

LABOR FORCE APPENDIX

SOUTH CAROLINA CPS / UNADJUSTED
LABOR FORCE - 1974 TO MARCH 1980
(IN THOUSANDS)

	ANNUAL	BY MONTH											
	AVERAGE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
						1974							
LABOR FORCE 1/	1146.0	1092.2	1094.5	1100.0	1125.9	1143.1	1180.4	1192.5	1179.9	1163.6	1165.8	1151.6	1157.4
TOTAL EMP 2/	1078.0	1039.8	1041.4	1050.5	1071.5	1067.9	1105.8	1118.8	1112.6	1095.5	1091.5	1063.7	1056.8
TOTAL UNEMP	68.0	52.4	53.1	54.5	54.4	55.2	74.6	73.7	67.3	68.1	74.3	87.9	100.6
% OF LF	5.9	4.8	4.9	4.9	4.8	4.8	6.3	6.2	5.7	5.9	6.4	7.6	8.7
						1975							
LABOR FORCE 1/	1177.0	1122.5	1129.4	1139.7	1158.4	1169.0	1209.5	1203.9	1191.3	1200.7	1201.9	1202.3	1195.6
TOTAL EMP 2/	1074.0	1012.1	1009.6	1022.4	1047.2	1066.1	1096.6	1101.8	1097.9	1104.0	1113.0	1111.5	1105.9
TOTAL UNEMP	103.0	110.4	119.8	117.3	111.2	102.9	112.9	102.1	93.4	96.7	88.9	90.8	89.7
% OF LF	8.8	9.8	10.6	10.3	9.6	8.8	9.3	8.5	7.8	8.1	7.4	7.6	7.5
						1976							
LABOR FORCE 1/	1248.0	1188.3	1205.1	1220.4	1241.5	1258.6	1289.5	1281.2	1268.3	1266.8	1262.5	1253.1	1240.8
TOTAL EMP 2/	1161.0	1095.0	1110.4	1131.6	1158.9	1175.4	1196.7	1187.7	1184.4	1186.7	1180.0	1167.0	1158.2
TOTAL UNEMP	87.0	93.3	94.7	88.8	82.6	83.2	92.8	93.5	83.9	80.1	82.5	86.1	82.6
% OF LF	7.0	7.9	7.9	7.3	6.7	6.6	7.2	7.3	6.6	6.3	6.5	6.9	6.7
						1977							
LABOR FORCE 1/	1275.0	1220.1	1237.9	1246.5	1265.1	1280.2	1316.4	1307.8	1302.9	1292.5	1287.6	1277.6	1265.4
TOTAL EMP 2/	1183.0	1122.4	1131.3	1152.4	1176.7	1190.7	1217.0	1205.2	1210.1	1208.1	1202.4	1190.9	1188.9
TOTAL UNEMP	92.0	97.7	106.6	94.1	88.4	89.5	99.4	102.6	92.8	84.4	85.2	86.7	76.5
% OF LF	7.2	8.0	8.6	7.5	7.0	7.0	7.6	7.8	7.1	6.5	6.6	6.8	6.0
						1978							
LABOR FORCE 1/	1291.0	1247.1	1256.2	1270.7	1284.4	1293.9	1325.9	1319.1	1309.2	1299.2	1310.0	1291.9	1284.5
TOTAL EMP 2/	1217.0	1167.2	1176.7	1195.4	1212.9	1222.0	1244.3	1235.3	1235.3	1230.4	1238.7	1225.3	1220.5
TOTAL UNEMP	74.0	79.9	79.5	75.3	71.5	71.9	81.6	83.8	73.9	68.8	71.3	66.6	64.0
% OF LF	5.7	6.4	6.3	5.9	5.6	5.6	6.2	6.4	5.6	5.3	5.4	5.2	5.0
						1979							
LABOR FORCE 1/	1306.0	1261.5	1270.1	1282.5	1292.3	1306.9	1337.8	1333.3	1319.1	1321.8	1327.8	1314.6	1307.5
TOTAL EMP 2/	1241.0	1195.5	1202.8	1218.2	1231.5	1247.4	1269.6	1264.9	1252.5	1257.6	1263.6	1248.4	1243.0
TOTAL UNEMP	65.0	66.0	67.3	64.3	60.8	59.5	68.2	68.4	66.6	64.2	64.2	66.2	64.5
% OF LF	5.0	5.2	5.3	5.0	4.7	4.6	5.1	5.1	5.0	4.9	4.8	5.0	4.9
						1980							
LABOR FORCE 1/	1278.5	1285.5	1280.2	1269.9									
TOTAL EMP 2/	1199.3	1210.2	1197.4	1190.4									
TOTAL UNEMP	79.2	75.3	82.8	79.5									
% OF LF	6.2	5.9	6.5	6.3									

1/ THESE DATA ARE PROJECTED FROM THE 1979 CURRENT POPULATION SURVEY (CPS) BENCHMARK AND HAVE BEEN ADJUSTED FOR COMMUTING AND DUAL JOB HOLDING. CONSEQUENTLY, THESE DATA REPRESENT PERSONS BY PLACE OF RESIDENCE AND ARE NOT STRICTLY COMPARABLE TO THE ESTABLISHMENT BASED NONFARM WAGE AND SALARY INDUSTRY EMPLOYMENT SERIES. THIS SERIES REPLACES ALL PREVIOUS LABOR FORCE SERIES.

2/ INCLUDES WORKERS INVOLVED IN LABOR MANAGEMENT DISPUTES.

NOTE: LAST YEAR'S AVERAGE IS AVERAGE OF JANUARY THROUGH LAST MONTH.

DUE TO ROUNDING PROCEDURES, COMPONENTS MAY NOT ADD TO TOTALS.

S. C. EMPLOYMENT SECURITY COMMISSION
RESEARCH AND ANALYSIS/LMIA
APRIL 1980

OCCUPATIONAL APPENDIX

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

			1976 - 1982	
OCCUPATION [1]	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	NET CHANGE	PERCENT CHANGE
TOTAL, ALL OCCUPATIONS	1,035,480	1,238,450	202,970	19.6
PROFESSIONAL, TECHNICAL, KINDRED	137,660	163,210	25,550	18.6
ENGINEERS	8,860	10,680	1,820	20.5
AERO-ASTRONAUTIC ENGINEERS	70	90	20	28.6
CHEMICAL ENGINEERS	700	840	140	20.0
CIVIL ENGINEERS	1,370	1,610	240	17.5
ELECTRICAL ENGINEERS	1,170	1,450	280	23.9
INDUSTRIAL ENGINEERS	1,280	1,510	230	18.0
MECHANICAL ENGINEERS	2,050	2,590	540	26.3
METALLURGICAL ENGINEERS	90	100	10	11.1
MINING ENGINEERS	20	20	0	0.0
PETROLEUM ENGINEERS	10	10	0	0.0
NUCLEAR ENGINEERS	180	200	20	11.1
OTHER ENGINEERS	1,920	2,260	340	17.7
LIFE & PHYSICAL SCIENTISTS	1,650	1,920	270	16.4
AGRICULTURAL SCIENTISTS	120	140	20	16.7
ATMOSPHERIC SCIENTISTS	20	20	0	0.0
LIFE SCIENTISTS	190	220	30	15.8
BIOLOGICAL SCIENTISTS	170	190	20	11.8
MEDICAL SCIENTISTS	20	30	10	50.0
CHEMISTS	770	900	130	16.9
GEOLOGISTS	50	50	0	0.0
PHYSICISTS	160	190	30	18.8
LIFE, PHYSICAL SCIENTISTS, NEC	340	400	60	17.7
MATHEMATICAL SPECIALISTS	290	330	40	13.8
ACTUARIES	10	10	0	0.0
MATHEMATICAL SCIENTISTS	110	130	20	18.2
MATHEMATICIANS	50	60	10	20.0
ALL OTHER MATH SCIENTISTS	60	70	10	16.7
STATISTICIANS	170	190	20	11.8
ENGINEERING, SCIENCE TECHNS.	9,480	11,600	2,120	22.4
DRAFTERS	2,190	2,750	560	25.6
ELECTRICAL, ELECTRONIC TECHNS.	2,080	2,570	490	23.6
SOUND RECORDING & REPRO TECHNS.	20	20	0	0.0
VIDEO RECORDING ENGINEERS	20	30	10	50.0
ELECTRICAL & ELECTRONIC TECHNS.	1,940	2,390	450	23.2
BROADCAST TECHNICIANS	100	130	30	30.0
MATHEMATICAL TECHNICIANS	70	90	20	28.6
MECHANICAL ENGINEERING TECHNS.	810	940	130	16.1
SURVEYORS	460	560	100	21.7
ENGINEERING, SCIENCE TECHNS., NEC.	3,870	4,690	820	21.2
TIMBER CRUISERS	120	130	10	8.3
TRAFFIC TECHNICIANS	20	20	0	0.0
OTHER ENGINEERING & SCIENCE TECHNS.	3,730	4,540	810	21.7
MEDICAL WORKERS, EX. TECHNS.	14,090	16,930	2,840	20.2
CHIROPRACTORS	20	30	10	50.0
DENTISTS	360	510	150	41.7
DIETITIANS	550	650	100	18.2
NURSES & PHYSICIANS ASSISTANT	8,700	10,320	1,620	18.6
NURSES, PROFESSIONAL	8,540	10,120	1,580	18.5

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
PHYSICIANS ASSISTANTS	160	200	40	25.0
PHARMACISTS	1,360	1,630	270	19.9
PHYSICIANS, MED & OSTEOPATH	2,230	2,710	480	21.5
THERAPISTS	850	1,060	210	24.7
OCCUPATIONAL THERAPISTS	80	100	20	25.0
SPEECH & HEARING CLINICIANS	190	230	40	21.1
PHYSICAL THERAPISTS	150	180	30	20.0
CORRECTIVE THERAPISTS	10	10	0	0.0
INHALATION THERAPISTS	420	540	120	28.6
VETERINARIANS	20	20	0	0.0
HEALTH TECHNOLS. & TECHNS.	11,250	13,740	2,490	22.1
CLINICAL LAB TECHNOLS., TECHNS.	1,750	2,160	410	23.4
MEDICAL LAB TECHNOLOGISTS	790	950	160	20.3
MICROBIOLOGY TECHNOLGIST	10	10	0	0.0
CYTOTECHNOLOGISTS	40	80	40	100.0
HISTOLOGIC TECHNOLOGISTS	10	20	10	100.0
MEDICAL LAB ASSISTANTS	900	1,100	200	22.2
DENTAL HYGIENISTS & ASSISTANTS	1,540	2,180	640	41.6
DENTAL ASSISTANTS	1,170	1,670	500	42.7
DENTAL HYGIENISTS	370	510	140	37.8
HEALTH RECORD TECHNOLS., TECHNS.	470	550	80	17.0
RADIOLOGIC TECHNOLS., TECHNS.	860	1,020	160	18.6
X-RAY TECHNICIANS	720	870	150	20.8
NUCLEAR MEDICINE TECHNOLOGISTS	70	70	0	0.0
RADIATION THERAPY TECHNOLOGISTS	70	80	10	14.3
OTHER HEALTH TECHNOLS., TECHNS.	6,630	7,830	1,200	18.1
SURGICAL TECHNICIANS	430	500	70	16.3
EKG TECHNICIANS	160	180	20	12.5
EEG TECHNICIANS	50	60	10	20.0
PHARMACY HELPERS	210	250	40	19.1
LICENSED PRATICAL NURSES	4,430	5,280	850	19.2
ALL OTHER MEDICAL & DENTAL TECHNS.	1,350	1,560	210	15.6
TECHNICIANS, EX HEALTH OR SCIENCE	2,180	2,550	370	17.0
AIRPLANE PILOTS	520	580	60	11.5
AIR TRAFFIC CONTROLLERS	260	290	30	11.5
EMBALMERS	270	300	30	11.1
EMBALMERS	230	250	20	13.0
LADIES ATTENDANTS	40	50	10	25.0
RADIO OPERATORS	30	40	10	33.3
TOOL PROGRAMERS, NUMERICAL CONT	60	80	20	33.3
OTHER TECHNS., EX HEALTH OR SCIENCE	1,040	1,260	220	21.2
COMPUTER SPECIALISTS	1,800	2,150	350	19.4
COMPUTER PROGRAMERS	1,010	1,200	190	18.8
COMPUTER SYSTEMS ANALYSTS	790	950	160	20.3
SOCIAL SCIENTISTS	700	810	110	15.7
ECONOMISTS	70	80	10	14.3
ECONOMISTS	60	70	10	16.7
MEDIA ANALYSTS	10	10	0	0.0
PSYCHOLOGISTS	180	210	30	16.7
SOCIOLOGISTS	20	20	0	0.0
URBAN & REGIONAL PLANNERS	300	360	60	20.0
OTHER SOCIAL SCIENTISTS	130	140	10	7.7

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
TEACHERS	45,970	53,490	7,520	16.4
ADULT EDUCATION TEACHERS	1,950	2,250	300	15.4
COLLEGE & UNIVERSITY TEACHERS	7,240	8,440	1,200	16.6
TEACHERS, COLLEGE	5,560	6,480	920	16.6
GRADUATE ASSISTANTS	1,610	1,880	270	16.8
EXTENSION SERVICE SPECIALISTS	70	80	10	14.3
ELEMENTARY SCHOOL TEACHERS	18,130	21,140	3,010	16.6
PRESCHOOL, KINDER. TEACHERS	3,990	4,540	550	13.8
SECONDARY SCHOOL TEACHERS	12,630	14,730	2,100	16.6
TEACHERS, NEC	2,030	2,390	360	17.7
DANCE INSTRUCTORS	110	160	50	45.5
ALL OTHER TEACHERS	1,920	2,230	310	16.2
WRITERS, ARTISTS, & ENTERTAINERS	5,080	6,130	1,050	20.7
ATHLETES & KINDRED WORKERS	260	360	100	38.5
SPORTS INSTRUCTORS	250	350	100	40.0
ATHLETIC TRAINERS	10	10	0	0.0
DESIGNERS	970	1,150	180	18.6
DESIGNERS	970	1,150	180	18.6
EDITORS & REPORTERS	860	1,070	210	24.4
WRITERS &/OR EDITORS	460	570	110	23.9
FILM EDITORS	20	30	10	50.0
REPORTERS & CORRESPONDENTS	380	470	90	23.7
MUSICIANS	1,580	1,760	180	11.4
MUSICIANS, INSTRUMENTAL	1,570	1,750	180	11.5
SINGERS	10	10	0	0.0
PHOTOGRAPHERS	270	330	60	22.2
PHOTOGRAPHERS	220	260	40	18.2
TELEVISION CAMERA OPERATORS	50	70	20	40.0
PUBLIC RELATIONS SPECIALISTS	470	580	110	23.4
RADIO, TV ANNOUNCERS	670	880	210	31.3
ANNOUNCERS	610	790	180	29.5
BROADCAST NEWS ANALYST	60	90	30	50.0
OTHER PROFESSIONAL & TECHNICAL WRKRS.	36,310	42,880	6,570	18.1
ACCOUNTANTS	5,070	6,090	1,020	20.1
ACCOUNTANTS & AUDITORS	4,280	5,180	900	21.0
TAX EXAMINERS, COLLECTORS, REV AGTS.	310	350	40	12.9
TAX PREPARERS	480	560	80	16.7
ARCHITECTS	350	410	60	17.1
ARCHIVISTS & CURATORS	10	10	0	0.0
MUSEUM CURATORS	10	10	0	0.0
BUYERS & PURCHASING AGENTS	3,910	4,750	840	21.5
PURCHASING AGTS &/OR BUYERS	1,330	1,620	290	21.8
MEDIA BUYERS	30	30	0	0.0
BUYERS, RETAIL &/OR WHOLESALE TRADE	2,550	3,100	550	21.6
CLERGY	2,750	3,000	250	9.1
DIRECTORS, RELIGIOUS ACTIVITIES &/OR EDUCATION	510	550	40	7.8
FORESTERS	260	290	30	11.5
JUDGES	270	320	50	18.5
JUDGES	70	80	10	14.3
MAGISTRATES	200	240	40	20.0
LAWYERS & KINDRED WORKERS	1,340	1,780	440	32.8
LAW CLERKS	250	340	90	36.0
LAWYERS	1,000	1,310	310	31.0
PARALEGAL PERSONNEL	90	130	40	44.4

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
LIBRARIANS	3,880	4,520	640	16.5
LIBRARIANS	3,500	4,080	580	16.6
AUDIO VISUAL SPECIALISTS	380	440	60	15.8
PERSONNEL, LABOR REL. SPECIALISTS	2,220	2,630	410	18.5
PERSONNEL, LABOR REL. SPECIALISTS	1,410	1,650	240	17.0
EMPLOYMENT INTERVIEWERS	810	980	170	21.0
RECREATION WORKERS	920	1,210	290	31.5
SOCIAL WORKERS	2,930	3,390	460	15.7
CASEWORKERS	2,910	3,360	450	15.5
COMMUNITY ORGANIZATION WORKERS	20	30	10	50.0
VOCATIONAL, EDUC. COUNSELORS	1,370	1,600	230	16.8
ALL OTHER PROFESSIONAL WORKERS	10,520	12,330	1,810	17.2
TECHNICAL DIRECTORS	30	50	20	66.7
SAFETY INSPECTORS	120	140	20	16.7
UNDERWRITERS	370	430	60	16.2
APPRAISERS	20	20	0	0.0
COST ESTIMATORS	730	980	250	34.3
CREDIT ANALYSTS, CHIEF	40	50	10	25.0
CREDIT ANALYSTS	220	270	50	22.7
TITLE EXAMINERS &/OR ABSTRACTORS	30	30	0	0.0
ESTIMATORS, PRINTING SERVICES	10	10	0	0.0
INVESTIGATORS, INSURANCE	10	10	0	0.0
APPRAISERS, REAL ESTATE	170	200	30	17.7
ASSESSORS	100	120	20	20.0
CLAIMS TAKERS, UNEMP. BENEFITS	50	50	0	0.0
BROKER'S FL. REPS., SEC. TRADRS. ETC.	10	10	0	0.0
SPECIAL AGENTS, INSURANCE	50	50	0	0.0
TRAVEL AGTS, TR. ACCOM. APPRAISERS	80	110	30	37.5
CLAIM EXAMINERS, PRPTY/ CSLTY INS.	60	70	10	16.7
ALL OTHER PROFESSIONAL	8,420	9,730	1,310	15.6
MANAGERS, OFFICIALS, PROPRIETORS	74,720	90,760	16,040	21.5
SALES MANAGERS	2,280	2,700	420	18.4
SALES MANAGERS	2,280	2,700	420	18.4
ADMINISTRATORS, PUB. INSPECTORS	1,370	1,540	170	12.4
CONSTRUCTION INSPECTORS, PUB. AD.	450	530	80	17.8
INSPECTORS, EX CONST, PUB ADM.	510	570	60	11.8
POSTMASTERS & MAIL SUPERINTENDENTS	410	440	30	7.3
OTHER MANAGERS, OFFICIALS, PROPS.	71,070	86,520	15,450	21.7
RAILROAD CONDUCTORS	370	380	10	2.7
OTHER MANAGERS, ADMINISTRATORS	70,700	86,140	15,440	21.8
MANAGERS, STORE	10,250	12,470	2,220	21.7
MANAGERS, AUTO SERVICE DEPT.	630	720	90	14.3
MANAGERS, AUTO PARTS DEPT.	430	500	70	16.3
WHOLESALERS	1,770	2,060	290	16.4
ALL OTHER MANAGERS	57,620	70,390	12,770	22.2
SALES WORKERS	52,860	63,330	10,470	19.8
DEMONSTRATORS	1,990	2,500	510	25.6
INSURANCE AGENTS, BROKERS	5,860	6,490	630	10.8
SALES AGENTS, SALES REPS, INS.	5,860	6,490	630	10.8
REAL ESTATE AGENTS, BROKERS	810	1,020	210	25.9
REAL ESTATE BROKERS	130	180	50	38.5
SALES AGENTS, SALES REPS, REAL ESTATE	680	840	160	23.5

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
STOCK & BOND SALES AGENTS	230	170	-60	-26.1
SALES AGENTS, SALES REPS, SECURITY	230	170	-60	-26.1
OTHER SALES WORKERS	43,970	53,150	9,180	20.9
SALES CLERKS	26,360	32,330	5,970	22.7
VENDORS	20	20	0	0.0
CONTRIBUTING SOLICITORS	10	10	0	0.0
CRATING & MOVING ESTIMATORS	50	60	10	20.0
ALL OTHER SALES WORKERS	17,530	20,730	3,200	18.3
CLERICAL WORKERS	159,210	193,260	34,050	21.4
STENOS, TYPISTS, SECRETARIES	33.790	40,700	6,910	20.5
SECRETARIES	23,070	27,930	4,860	21.1
STENOGRAPHERS	3,360	4,000	640	19.1
TYPISTS	7,360	8,770	1,410	19.2
OFFICE MACHINE OPERATORS	6,450	7,860	1.410	21.9
BOOKKEEPING, BILLING OPERATORS	2,710	3,400	690	25.5
BOOKKEEPING/BILLING MACH. OPERS.	2,150	2,610	460	21.4
PROOF MACHINE OPERATORS	540	760	220	40.7
TRANSIT CLERKS	20	30	10	50.0
COMPUTER, PERIPHERAL EQUIP. OPERS.	1,150	1,390	240	20.9
COMPUTER OPERATORS	950	1,140	190	20.0
PERIPHERAL EDP EQPT. OPER.	200	250	50	25.0
DUPLICATING MACHINE OPERATORS	120	140	20	16.7
KEYPUNCH OPERATORS	2,020	2,390	370	18.3
TABULATING MACHINE OPERATORS	110	130	20	18.2
ALL OTHER OFFICE MACHINE OPERS.	340	410	70	20.6
OTHER CLERICAL WORKERS	118,970	144,700	25,730	21.6
BANK TELLERS	4,130	5,620	1,490	36.1
NEW ACCOUNT TELLERS	520	710	190	36.5
TELLERS	3,610	4,910	1,300	36.0
BOOKKEEPERS	13,050	15,920	2,870	22.0
ACCOUNTING CLERKS	4,340	5,250	910	21.0
BOOKKEEPING, HAND	8,710	10,670	1,960	22.5
CASHIERS	15,240	19,410	4,170	27.4
CLERICAL SUPERVISORS	2,650	3,280	630	23.8
COLLECTORS, BILL & ACCOUNT	1,160	1,480	320	27.6
COUNTER CLERKS, EX FOOD	3,550	4,620	1,070	30.1
CAR RENTAL CLERKS	120	160	40	33.3
DESK CLERKS	1,310	1,940	630	48.1
ORDER CLERKS	1,930	2,270	340	17.6
CIRCULATION CLERKS	70	90	20	28.6
CLASSIFIED AD CLERKS, NEWSPAPER	30	40	10	33.3
TELEPHONE AD TAKERS, NEWSPAPER	30	40	10	33.3
DESK CLERKS, BOWLING FLOOR	50	70	20	40.0
COUNTER CLERKS, TELEGRAPH OFFICE	10	10	0	0.0
DISPATCHER, STARTERS, VEHICLE	160	190	30	18.8
DISPATCHERS, AIRPLANE	10	10	0	0.0
DISPATCHERS, POLICE, FIRE AMBULANCE	150	180	30	20.0
ESTIMATORS, INVESTIGATORS, NEC	940	1,120	180	19.2
ADJUSTMENT CLERKS	300	370	70	23.3
CHECKING CLERKS	10	10	0	0.0
CLAIMS CLERKS	390	430	40	10.3
CREDIT REPORTERS	110	150	40	36.4
LOAN CLOSERS, NEW CONSTRUCTION	70	90	20	28.6

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982	
			NET CHANGE	PERCENT CHANGE
CUSTOMER SERV. REPS, PRINT & PUBL	30	30	0	0.0
BOX ESTIMATORS	30	40	10	33.3
PRODUCTION CLERKS	2,520	3,090	570	22.6
FILE CLERKS	2,880	3,420	540	18.8
FILE CLERKS	1,570	1,930	360	22.9
PERSONNEL CLERKS	1,240	1,410	170	13.7
ADMISSION EVALUATORS	70	80	10	14.3
CLAIM ADJUSTERS	480	560	80	16.7
CLAIM EXAMINERS, INSURANCE	80	90	10	12.5
CLAIM ADJUSTERS	400	470	70	17.5
LIBRARY ASSISTANTS	1,270	1,480	210	16.5
MAIL CARRIERS, POSTAL SERVICE	4,570	4,960	390	8.5
MAIL HANDLERS, EX POSTAL SERVICE	20	20	0	0.0
MESSENGERS & OFFICE HELPERS	250	340	90	36.0
MESSENGERS, BANK	30	50	20	66.7
MESSENGERS	220	290	70	31.8
METER READERS, UTILITIES	430	610	180	41.9
PAYROLL, TIME KEEPING CLERKS	2,170	2,520	350	16.1
POSTAL CLERKS	1,250	1,350	100	8.0
PROOFREADERS	110	140	30	27.3
RECEPTIONISTS	4,970	6,150	1,180	23.7
RECEPTIONISTS	3,150	3,930	780	24.8
SWITCHBD OPS/RECEPTIONISTS	1,790	2,180	390	21.8
TRAVEL COUNSELORS, AUTO CLB.	30	40	10	33.3
SHIPPING, RECEIVING CLERKS	8,150	9,570	1,420	17.4
SHIPPING RECEIVING CLERKS	4,300	5,080	780	18.1
SHIPPING PACKERS	3,840	4,480	640	16.7
MANIFEST CLERKS	10	10	0	0.0
STATISTICAL CLERKS	720	850	130	18.1
ACTUARIAL CLERKS	20	20	0	0.0
BROKERAGE CLERKS	20	20	0	0.0
RATERS	450	550	100	22.2
WORKSHEET CLERKS	20	20	0	0.0
METER READERS, TAXI	40	40	0	0.0
TALLY CLERKS, SAW MILL	30	40	10	33.3
COURT CLERKS	80	100	20	25.0
INSURANCE CHECKERS	60	60	0	0.0
STOCK CLERKS, STORE KEEPERS	8,480	10,240	1,760	20.8
PROCUREMENT CLERKS	370	430	60	16.2
STOCK CLERKS, STOCKRM. WAREHS., ETC.	8,090	9,790	1,700	21.0
YARD CLERKS	20	20	0	0.0
TELEGRAPH OPERATORS	110	110	0	0.0
TELEPHONE OPERATORS	3,570	4,400	830	23.3
SWITCHBOARD OPERATORS	1,330	1,620	290	21.8
CENTRAL OFFICE OPERATORS	1,980	2,460	480	24.2
DIRECTORY ASSISTANCE OPERS.	190	240	50	26.3
PRIVATE BRANCH SERVICE ADVISORS	40	50	10	25.0
SERVICE OBSERVERS	30	30	0	0.0
TICKET STATION, EXPRESS AGTS.	270	300	30	11.1
STATION AGENTS	100	100	0	0.0
TRANSPORTATION AGENTS	170	200	30	17.7
WEIGHERS	430	480	50	11.6

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
ALL OTHER CLERICAL WORKERS	35,440	42,470	7,030	19.8
CALL-OUT OPERATORS	70	100	30	42.9
CANCELLATION CLERKS	30	30	0	0.0
MEDIA CLERKS/ESTIMATORS/BILLERS	10	10	0	0.0
GENERAL CLERKS, OFFICE	20,800	24,940	4,140	19.9
IN-FILE OPERATORS	50	60	10	20.0
POLICY CHANGE CLERKS	220	270	50	22.7
REAL ESTATE CLERKS	130	160	30	23.1
SAFE DEPOSIT CLERKS	30	50	20	66.7
STATEMENT CLERKS	290	400	110	37.9
TITLE SEARCHERS	10	10	0	0.0
TRAFFIC CLERKS	90	110	20	22.2
PROTECTIVE SIGNAL OPERATORS	20	30	10	50.0
SHADE TICKET MARKERS	100	110	10	10.0
SERVICE REPRESENTATIVES	560	690	130	23.2
RATE CLERKS, FREIGHT	120	140	20	16.7
TOWN CLERKS	130	150	20	15.4
MORTGAGE CLOSING CLERKS	110	140	30	27.3
SORTING CLERKS, BANK	160	230	70	43.0
INSURANCE CLERKS	90	120	30	33.3
INSURANCE CLERKS, MEDICAL	660	820	160	24.2
ALL OTHER OFFICE CLERICAL	4,870	5,840	970	19.9
ALL OTHER PLANT CLERICAL	6,890	8,060	1,170	17.0
CRAFTS & KINDRED WORKERS	146,810	178,800	31,990	21.8
CONSTRUCTION CRAFTS WORKERS	32,500	41,800	9,300	28.6
CARPENTERS	8,760	11,220	2,460	28.1
BRICKMASONS & STONEMASONS	1,860	2,530	670	36.0
BRICKLAYERS	1,760	2,400	640	36.4
STONE MASONS	30	40	10	33.3
REFRACTORY MATERIALS REPAIRERS	70	90	20	28.6
BULLDOZER OPERATORS	480	540	60	12.5
CEMENT & CONCRETE FINISHERS	1,000	1,330	330	33.0
CEMENT MASONS	890	1,180	290	32.6
CONCRETE WALL GRINDER OPERS.	20	20	0	0.0
CONCRETE RUBBER	60	80	20	33.3
CONCRETE STONE FINISHERS	10	20	10	100.0
TERRAZZO WORKERS	20	30	10	50.0
ELECTRICIANS	5,690	7,230	1,540	27.1
EXCAVATING, GRADING MACHINE OPERS.	4,420	5,610	1,190	26.9
CONCRETE MIXER OPERATORS	40	60	20	50.0
DREDGE OPERATORS	40	40	0	0.0
FINE-GRADERS	10	10	0	0.0
FORM TAMFER OPERATORS, ETC.	10	10	0	0.0
HEAVY EQUIPMENT OPERATORS	4,100	5,240	1,140	27.8
BATCH PLANT OPERATORS	130	150	20	15.4
BALLAST CLEAN MACHINE OPERATORS	90	100	10	11.1
PAINTERS, CONSTRUCTION, MAINT.	3,170	4,090	920	29.0
PAPERHANGERS	50	60	10	20.0
PLASTERERS	110	140	30	27.3
PLUMBERS & PIPEFITTERS	4,820	6,150	1,330	27.6
FITTERS, PIPELAYING	10	10	0	0.0
PLUMBERS &/OR PIPEFITTERS	4,810	6,140	1,330	27.7
ROOFERS	690	950	260	37.7
STRUCTURAL STEEL WORKERS	1,110	1,500	390	35.1
TILE SETTERS	340	450	110	32.4
TILE SETTERS	240	330	90	37.5
CEILING TILE INSTALLERS	100	120	20	20.0
BLUE COLLAR WORKER SUPERVISORS	19,300	22,840	2,540	18.3

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
SUPERVISORS, NONWORKING	19,300	22,840	3,540	18.3
METALWKG CRAFTS, WKRS, EX MECH.	11,470	14,840	3,370	29.4
BLACKSMITHS	20	30	10	50.0
BOILERMAKERS	430	530	100	22.3
HEAT TREATERS, ANNEALERS, ETC	410	550	140	34.1
FORGE & HAMMER OPERATORS	70	90	20	28.6
FORGING PRESS OPERATORS	10	10	0	0.0
HAMMERSMITHS, OPEN DIE	60	80	20	33.3
JOB & DIE SETTERS, METAL	1,190	1,650	460	38.7
MACHINE TOOL SETTERS, METALWORKERS	850	1,160	310	36.5
PUNCH PRESS SETTERS, METAL	200	280	80	40.0
SETTERS, PLASTIC MOLDING MACH.	140	210	70	50.0
MACHINISTS	3,500	4,270	770	22.0
LAYOUT MARKERS, METAL	330	470	140	42.4
MACHINISTS	3,170	3,800	630	19.9
MILLWRIGHTS	1,720	2,200	480	27.9
MOLDERS, METAL	150	200	50	33.3
MOLDERS, BENCH &/OR FLOOR	40	50	10	25.0
MOLDERS, MACHINE(METAL)	110	150	40	36.4
PATTERN & MODEL MAKERS	20	20	0	0.0
MODEL & MOLD MAKERS, PLASTER	10	10	0	0.0
MODEL MAKERS, POTTERY	10	10	0	0.0
ROLLERS & FINISHERS, METAL	60	90	30	50.0
FINISHERS, CARD TENDER	10	10	0	0.0
GUIDE SETTERS	10	20	10	100.0
MANIPULATORS, ROLLING	10	20	10	100.0
ROLLERS, PRIMARY MILL	10	10	0	0.0
ROUGHERS	10	10	0	0.0
SPEED OPERATORS	10	20	10	100.0
SHEET METAL WORKERS, TINSMITHS	3,010	4,010	1,000	33.2
TOOLMAKERS & DIEMAKERS	890	1,200	310	34.8
MECHS, REPAIRERS, INSTALLERS	39,590	44,790	5,200	13.1
AIR COND., HEATING, REFRIG. MECHS.	2,230	2,840	610	27.4
REFRIG MECHANICS, A/C MECHANICS	1,700	2,140	440	25.9
FURNACE INSTALLERS & REPAIRERS	410	550	140	34.1
OIL BURNER INSTALLERS, SERVICERS	120	150	30	25.0
AIRCRAFT MECHANICS	700	790	90	12.9
AUTO SEAT COVER, TOP INSTALLERS	80	110	30	37.5
AUTO BODY REPAIRERS	1,390	1,680	290	20.9
AUTO MECHANICS	8,770	10,460	1,690	19.3
AUTOMOTIVE MECHANICS	8,690	10,360	1,670	19.2
AUTO REPAIR SERVICE ESTIMATORS	80	100	20	25.0
DATA PROCESSING MACHINE MECHANICS	40	50	10	25.0
FARM EQUIPMENT MECHANICS	100	120	20	20.0
HEAVY EQUIP MECHS, INCL. DIESEL	11,610	12,900	1,290	11.1
ENGINEERING EQUIPMENT MECHANICS	1,070	1,270	200	18.7
HYDROELECTRIC MACHINE MECHS., ETC.	130	190	60	46.2
MINE MACHINERY MECHANICS	20	20	0	0.0
MARINE MECHANICS/REPAIRERS	740	800	60	8.1
MAINTENANCE MECHANICS	5,260	6,120	860	16.3
POWER TRANSFORMER REPAIRERS	30	50	20	66.7
KNITTING MACHINE FIXERS	790	910	120	15.2
SECTION REPAIRERS & SETTERS	3,570	3,540	-30	-.8

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
HOUSEHOLD APPLIANCE MECHANICS	510	650	140	27.5
ELECTRIC METER INSTALLERS, ETC.	50	80	30	60.0
GAS METER INSTALLERS	30	30	0	0.0
HOUSEHOLD APPLIANCE INSTALLERS	220	260	40	18.2
WATER METER INSTALLERS	10	10	0	0.0
HOUSEHOLD APPLIANCE REPAIRERS	200	270	70	35.0
LOOM FIXERS	6,390	6,150	-240	-3.8
OFF MACH. SERVICERS/CASH REG. SERV.	490	590	100	20.4
RADIO, TELEVISION REPAIRERS	660	770	110	16.7
RADIO MECHANICS	50	60	10	20.0
TV SERVICERS & REPAIRERS, ETC.	610	710	100	16.4
RAILROAD CAR SHOP REPAIRERS	350	360	10	2.9
SIGNAL MAINTAINERS	110	110	0	0.0
CAR REPAIRERS	240	250	10	4.2
OTHER MECHANICS & REPAIRERS	6,270	7,320	1,050	16.8
BICYCLE REPAIRERS	30	40	10	33.3
CAMERA REPAIRERS	10	10	0	0.0
ELECTRIC MOTOR REPAIRERS	250	300	50	20.0
ELECTRIC TOOL REPAIRERS	10	10	0	0.0
ELECTRICAL INSTRUMENT REPAIRERS	40	40	0	0.0
GASOLINE ENGINE, MOWER REPAIRERS	10	10	0	0.0
GUNSMITHS	30	30	0	0.0
INSTRUMENT REPAIRERS, OPTICAL	20	20	0	0.0
LOCKSMITHS	60	80	20	33.3
COIN MACHINE SERVICERS, REPAIRERS	290	340	50	17.2
SEWING MACHINE MECHANICS	490	510	20	4.1
PROTECTIVE SIGNAL INST/REPAIRERS	120	160	40	33.3
INSTRUMENT REPAIRERS	980	1,190	210	21.4
DIESEL MECHANICS	900	1,100	200	22.2
ELECTROMEDICAL EQUIPMENT REPAIRERS	20	30	10	50.0
PINSETTER MECHANICS, AUTOMATIC	30	40	10	33.3
SIGN ERECTORS	60	80	20	33.3
ALL OTHER MECHANICS & REPAIR	2,920	3,330	410	14.0
PRINTING TRADE CRAFTS WORKERS	2,710	3,360	650	24.0
BOOKBINDERS	340	430	90	26.5
BOOKBINDERS	10	10	0	0.0
SETTERS, BINDERY MACHINE	40	50	10	25.0
BINDERY WORKERS	290	370	80	27.6
COMPOSITORS & TYPESETTERS	720	890	170	23.6
COMPOSITORS &/OR TYPESETTERS	10	10	0	0.0
HAND COMPOSITORS	90	110	20	22.2
IMPOSERS & MAKEUP ARRANGERS	60	70	10	16.7
LINECASTING MACHINE OPERATORS	80	100	20	25.0
LINECASTING MACHINE TENDERS	10	10	0	0.0
PHOTOTYPESETTING MACHINE MONITORS	40	50	10	25.0
PHOTOTYPESETTER OPERATORS	10	20	10	100.0
STRIKE-ON MACHINE OPERATORS	10	10	0	0.0
LINECASTING MACH KEYBD OPERATORS	130	160	30	23.1
MONOTYPE KEYBOARD OPERATORS	10	10	0	0.0
PASTEUP MEN/WOMEN	200	250	50	25.0
PHOTOTYPESETTING MACH KEYBD OPERS.	70	90	20	28.6

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
ELECTROTYPERS, STEREOTYPERS	40	50	10	25.0
ELECTROTYPERS	10	10	0	0.0
STEREOTYPERS	30	40	10	33.3
ENGRAVERS, EX PHOTOENGRAVERS	110	130	20	18.2
ETCHERS &/OR ENGRAVERS	110	130	20	18.2
PHOTOENGRAVERS, LITHOGRAPHERS	330	420	90	27.3
STRIPPERS	70	90	20	28.6
CAMERA OPERATORS, PRINTING	130	160	30	23.1
PHOTOENGRAVERS	130	170	40	30.8
PRESS & PLATE PRINTERS	1,170	1,440	270	23.1
PRESS OPERATORS, PLATE PRINTERS	300	350	50	16.7
OFFSET LITHOGRAPHIC PRESS OPERS.	480	590	110	22.9
PLATEMAKERS	60	80	20	33.3
FLEXOGRAPHIC PRESS OPERATORS	20	20	0	0.0
GRAVURE PRESS OPERATORS	10	20	10	100.0
LETTER PRESS OPERATORS	280	350	70	25.0
LETTERSET PRESS OPERATORS	20	20	0	0.0
TRANSP, PUB. UTIL. CRAFT WORKERS	6,110	7,870	1,760	28.8
ELECT. POWER LINE INST. REPAIRERS	2,110	2,950	840	39.8
LINE INSTALLERS, REPAIRERS	2,050	2,860	810	39.5
TROUBLE SHOOTERS, POWER LINE	60	90	30	50.0
LOCOMOTIVE ENGINEERS	320	320	0	0.0
HOSTLERS	50	50	0	0.0
LOCOMOTIVE ENGINEERS	270	270	0	0.0
POWER STATION OPERATORS	70	110	40	57.1
SWITCHBOARD OPERS., GENERATING PLANT	10	10	0	0.0
DISPATCHERS, LOAD	60	100	40	66.7
TELEPHONE INSTALLERS, REPAIRERS	3,610	4,490	880	24.4
INSTALLERS, REPAIRERS, SEC MAINTS.	120	140	20	16.7
INSTALLERS, REPAIRERS, TELEPHONE	20	20	0	0.0
STATION INSTALLERS	1,250	1,550	300	24.0
TELEGRAPH EQUIPMENT MAINTAINERS	60	80	20	33.3
AUTOMATIC MAINTAINERS	10	10	0	0.0
CABLE REPAIRERS	290	360	70	24.1
CABLE INSTALLERS	70	90	20	28.6
FRAME WIRERS	170	200	30	17.7
CENTRAL OFFICE REPAIRERS	710	890	180	25.4
TROUBLE LOCATORS, TEST DESK	340	430	90	26.5
TELEGRAPH PLANT MAINTAINERS	10	20	10	100.0
SHOP REPAIRERS, INSTRUMENT	10	20	10	100.0
TELETYPE INSTALLERS	550	680	130	23.6
OTHER CRAFTS, KINDRED WORKERS	35,130	43,300	8,170	23.3
BAKERS	510	640	130	25.5
BAKERS	500	630	130	26.0
BENCH HANDS	10	10	0	0.0
CABINETMAKERS	630	730	100	15.9
CARPET CUTTERS, CARPET LAYERS	300	370	70	23.3
CRANE, DERRICK, HOIST OCCUPATIONS	1,160	1,470	310	26.7
CRANE, DERRICK, & HOIST OPERATORS	920	1,200	280	30.4
LOADER ENGINEERS	170	190	20	11.8
YARDER ENGINEERS	70	80	10	14.3
MERCHAN. DISPLAYERS & WIND. TRMRS.	130	160	30	23.1

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
DENTAL LAB. TECHNICIANS	250	430	180	72.0
FURNITURE FINISHERS	100	120	20	20.0
GLAZIERS	320	410	90	28.1
GLASS INSTALLERS	40	60	20	50.0
GLAZIERS	280	350	70	25.0
INSPECTORS, LOG & LUMBER	300	340	40	13.3
LOG INSPECTORS, GRADERS, SCALERS	100	120	20	20.0
LUMBER GRADERS	100	110	10	10.0
VENEER GRADERS	100	110	10	10.0
OTHER INSPECTION OCCUPATIONS	14,040	16,670	2,630	18.7
INSPECTORS	11,210	13,150	1,940	17.3
TESTERS	2,830	3,520	690	24.4
JEWELERS & WATCHMAKERS	170	210	40	23.5
JEWELERS &/OR SILVERSMITHS	70	90	20	28.6
WATCHMAKERS	100	120	20	20.0
MILLERS, GRAIN, FLOUR, FEED	20	20	0	0.0
MILLERS	20	20	0	0.0
MOTION PICTURE PROJECTIONISTS	210	240	30	14.3
OPTICIANS, LENS GRINDERS, POLSHRS.	700	1,710	1,010	144.3
LENS GRINDERS	430	1,360	930	216.3
OPTICIANS, DISP &/OR OPTIC MECHS.	270	350	80	29.6
SHIPFITTERS	300	330	30	10.0
SHOE REPAIRERS	120	130	10	8.3
SHOE REPAIRERS	120	130	10	8.3
STATIONARY ENGINEERS	1,220	1,510	290	23.8
CONTROL ROOM OPERATORS, STEAM	160	240	80	50.0
AUXILIARY EQUIPMENT OPERATORS	40	50	10	25.0
GAS PUMPING STATION OPERATORS	0	0	0	0.0
STATIONARY ENGINEERS	560	640	80	14.3
TURBINE OPERATORS	30	60	30	100.0
WATERSHED TENDERS	10	10	0	0.0
PUMP STAT. OPERATORS, WATERWORKS	10	10	0	0.0
STATION ENGINEERS, MAIN LINE	10	10	0	0.0
WATER TREATMENT PLANT OPERATORS	370	460	90	24.3
SHIP ENGINEERS	30	30	0	0.0
STONE CUTTERS, STONE CARVERS	10	10	0	0.0
STONE CUTTERS, HAND	10	10	0	0.0
TAILORS	910	1,050	140	15.4
ALTERATION TAILORS	700	830	130	18.6
SAMPLE MAKERS	210	220	10	4.8
UPHOLSTERERS	630	740	110	17.5
FURNITURE UPHOLSTERERS	150	160	10	6.7
SPRINGERS	50	60	10	20.0
UPHOLSTERY TRIMMERS	40	50	10	25.0
UPHOLSTERERS	290	340	50	17.2
UPHOLSTERY CUTTERS	60	70	10	16.7
CASKET COVERERS/CASKET LINERS	30	40	10	33.3
MATTRESS MAKERS	10	20	10	100.0
CRAFTS & KINDRED WORKERS, NEC	13,100	16,010	2,910	22.2
CONDUIT MECHANICS	10	10	0	0.0
HOGSHEAD COOPERS	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
GLASS BLOWERS	20	20	0	0.0
HARNESS MAKERS	10	10	0	0.0
MACHINE SETTERS, WOODWORKING	100	130	30	30.0
SHIP RIGGERS	40	50	10	25.0
INSTRUCTORS, APPAREL & TEXT. MACH.	330	340	10	3.0
ARTIFICIAL APPLIANCE MAKERS	10	10	0	0.0
BOARD MACHINE SETTERS	30	30	0	0.0
MACHINE SETTERS, PAPER GOODS	250	300	50	20.0
MAINTENANCE REPAIRERS, GEN. UTIL.	7,330	8,980	1,650	22.5
FORMING MACH. MAINTAINERS, GLASS	70	100	30	42.9
MOBILE HOME REPAIRERS	60	70	10	16.7
MUSICAL INSTRUMENTS REPAIRERS	80	90	10	12.5
ALL OTHER SKILLED CRAFTS WORKERS	4,750	5,860	1,110	23.4
OPERATIVES	253,780	290,250	36,470	14.4
OPERATIVES, EX TRANSPORTATION	173,920	197,860	23,940	13.8
SEMISKILLED METALWORKING OPERATORS	13,320	17,940	4,620	34.7
DRILL PRESS OPERATIVES	1,090	1,500	410	37.6
FURNACE TNDRS., SMELTERS, POURERS	150	210	60	40.0
CASTERS, INGOTS & PIGS	0	10	10	100.0
STEEL POURER HELPERS	20	30	10	50.0
POURERS, METAL	110	140	30	27.3
FURNACE CHARGERS	10	20	10	100.0
HEATING PIT CHARGERS	10	10	0	0.0
GRINDING/ABRADING MACH. OPERS., METAL	1,030	1,440	410	39.8
HEATERS, METAL	30	50	20	66.7
LATHE, MILLING MACH OPERATIVES	2,160	2,910	750	34.7
VENEER LATHE OPERATORS	40	50	10	25.0
LATHE OPERATORS, WOOD	40	40	0	0.0
LATHE/TURN MACH OPERATORS, METAL	1,430	1,930	500	35.0
MILLING/PLANING MACH. OPERATORS	580	800	220	37.9
SHAPER &/OR ROUTER OPERATORS	70	90	20	28.6
METAL PLATERS	180	250	70	38.9
ELECTROPLATERS	150	210	60	40.0
DIP PLATERS, NONELECTROLYTIC	30	40	10	33.3
OTHER PRECISION MACH. OPERATORS	2,160	2,860	700	32.4
BORING MACHINE OPERATORS, WOOD	120	150	30	25.0
MACHINE TOOL OPERATORS, COMBO.	1,180	1,620	440	37.3
MACHINE TOOL OPERATORS, NUM. CONT.	220	320	100	45.5
WOOD MACHINISTS	440	510	70	15.9
MACHINE TOOL OPERATORS, TOOL ROOM	200	260	60	30.0
PUNCH, STAMPING PRESS OPERATORS	1,520	2,120	600	39.5
PUNCH PRESS OPERATORS, METAL	1,260	1,750	490	38.9
PUNCH PRESS OPERATORS, PLASTICS	20	30	10	50.0
POWER BRAKE, BENDING MACH. OPERATORS METAL	240	340	100	41.7
WELDERS & FLAME CUTTERS	5,000	6,600	1,600	32.0
SEMISKILLED TEXTILE OPERATORS	62,460	63,430	970	1.6
CARDING, LAPPING, COMBING OPERATORS	6,050	6,020	-30	-.5
CARD GRINDERS	460	460	0	0.0
CARD TENDRS., COMBER TENDRS., ETC.	2,410	2,430	20	.8
DRAWING-IN MACHINE TENDERS	450	440	-10	-2.2
PICKER TENDERS	710	710	0	0.0
SLUBBER TENDERS	1,560	1,540	-20	-1.3
DRAWERS-IN, HAND	460	440	-20	-4.4

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	PERCENT CHANGE
KNITTERS, LOOPERS, & TOPPERS	2,310	2,640	330	14.3
KNITTERS, FULL FASHIONED GARMENT	80	90	10	12.5
KNITTING MACHINE OPERATORS	1,950	2,220	270	13.9
LINK-&-LINK HAND KNIT MACH. OPERS.	40	50	10	25.0
LOOPERS, HOSIERY	140	170	30	21.4
SEAMLESS HOSIERY KNITTERS	10	10	0	0.0
WARP KNITTING MACHINE OPERATORS	90	100	10	11.1
SPINNERS, TWISTERS, & WINDERS	32,850	33,530	680	2.1
BEAM WARPER TENDERS &/OR BEAMERS	1,790	1,820	30	1.7
BOBBIN WINDERS, MACH/SEWING MACH.	220	220	0	0.0
CLOTH OR CARPET WINDERS	340	350	10	2.9
CREELERS, YARN	3,130	3,380	250	8.0
DOFFERS	7,310	7,400	90	1.2
DRESSER TENDERS	20	20	0	0.0
LOOM WINDER TENDERS	500	490	10	2.0
QUILLING MACHINE OPERATORS	760	730	-30	-3.9
SPEEDER TENDERS	540	540	0	0.0
SPINNERS, FRAME	8,470	8,430	-40	-.5
THREADERS, KNIT GOODS	40	50	10	25.0
WARP TYING MACHINE TENDERS	1,360	1,310	-50	-3.7
WINDER OPERATORS, AUTOMATIC	2,410	2,580	170	7.1
YARN WINDERS	3,340	3,660	320	9.6
SPOOLER OPERATORS, AUTOMATIC	2,490	2,410	-80	-3.2
ROPE LAYING MACHINE OPERATORS	130	140	10	7.7
WEAVERS	13,000	12,600	-400	-3.1
NEEDLE-FELT-MAKING MACH. OPERS. ETC.	100	110	10	10.0
SMASH HANDS	1,000	950	-50	-5.0
WEAVERS	11,900	11,540	-360	-3.0
OTHER TEXTILE OPERATIVES	8,250	8,640	390	4.7
BLEACH-RANGE OPERS., KNIT GOODS BLEACHERS	260	280	20	7.7
BOARDING MACH. OPERATORS, HOSIERY	60	70	10	16.7
BOIL-OFF MACHINE OPERATORS, CLOTH	110	130	20	18.2
BURLERS	260	260	0	0.0
CALENDERING MACH OPERS., KNIT GOODS	70	80	10	14.3
CLOTH FEEDERS &/OR BACK TENDERS	750	830	80	10.7
CLOTH FINISHING RANGE TNDRS., MDLE.	640	710	70	10.9
CLOTH FINISHING RANGE OPERS., CHIEF	730	790	60	8.2
CLOTH SHRINKING MACH. OPERATORS	280	310	30	10.7
DRY CANS OPERATORS, CLOTH	160	180	20	12.5
FULLERS, TEXTILE	10	10	0	0.0
HARNESS BUILDERS, LOOM CHNGRS., ETC.	460	430	-30	-6.5
HARNESS PLACERS	450	430	-20	-4.4
MERCERIZER OPERS. & MANGLE TENDERS	200	230	30	15.0
NAPPER TENDERS	190	200	10	5.3
OPENER TENDERS/WASTE MACH. TENDERS	650	640	-10	-1.5
RUBBER COVERING MACHINE OPERATORS	40	40	0	0.0
SCOURING TRAIN OPERATORS	100	110	10	10.0
SCREEN PRINTING MACHINE OPERATORS	220	240	20	9.1
SLASHER TENDERS	1,050	1,010	-40	-3.8
TENTER FRAME OPERATORS	510	560	50	9.8
FOLDERS, HAND	1,050	1,100	50	4.8

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	ESTIMATED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
SEMISKILLED PACKING, INSPECTING OPERATORS	11,420	14,020	2,600	22.8
CHECKERS, EXAMINER, ETC., MFG.	50	70	20	40.0
SELECTORS, GLASSWARE	50	70	20	40.0
GRADERS & SORTERS, MFG.	50	60	10	20.0
SORTERS, BURNED PRODUCTS	30	30	0	0.0
SORTERS, UPHOLSTERY PARTS	10	20	10	100.0
GRADERS, MEAT	10	10	0	0.0
PACKERS, WRAPPERS, EX MEAT, PROD.	11,320	13,890	2,570	22.7
PRODUCTION PACKAGERS	6,640	7,990	1,350	20.3
BUNDLERS	680	700	20	2.9
BAGGERS	3,980	5,180	1,200	30.2
WRAPPING MACHINE OPERATORS	20	20	0	0.0
OTHER OPERATIVES, EX TRANSPORT	86,720	102,480	15,760	18.2
ASBESTOS & INSULATION WORKERS	1,250	1,660	410	32.8
ASSEMBLERS	12,700	17,560	4,860	38.3
MOBILE HOME SET-UP OPERATORS	10	10	0	0.0
ASSEMBLERS, HAND	12,490	17,290	4,800	38.4
PLASTIC TOP INSTALLERS	30	30	0	0.0
SPRING MACHINE OPERATORS	10	10	0	0.0
WIRERS, ELECTRONIC	40	60	20	50.0
COIL FINISHERS	60	90	30	50.0
CORE LAYERS/SHEET TURNERS	60	70	10	16.7
BLASTERS	20	20	0	0.0
BLASTERS, MINING & QUARRYING	20	20	0	0.0
SURVEYOR HELPERS	1,000	1,180	180	18.0
CLOTHING IRONERS & PRESSERS	2,130	2,410	280	13.2
PRESSERS, HAND	190	210	20	10.5
PRESSERS, MACHINE	780	890	110	14.1
PRESSERS, MACHINE, LAUNDRY	990	1,130	140	14.1
SHAPERS & PRESSERS	170	180	10	5.9
CUTTING OPERATIVES, NEC	1,100	1,300	200	18.2
BIAS MACHINE OPERATORS	20	30	10	50.0
WOOD CARVING MACHINE OPERATORS	10	10	0	0.0
AUTOMATIC CLIPPERS, VENEER	100	110	10	10.0
CORNER CUTTERS	10	10	0	0.0
CORRUGATOR-KNIFE OPERATORS	20	30	10	50.0
CUT-LACE MACHINE OPERATORS	10	10	0	0.0
CUT-OFF MACHINE OPERATORS, TUBING	20	30	10	50.0
DICER OPERATORS	80	90	10	12.5
GLASS CUTTERS, MACHINE	10	10	0	0.0
MORTISING MACHINE OPERATORS	10	10	0	0.0
PATTERN CUTTERS	100	100	0	0.0
RUBBER GDS. CUTTTER-FINISHING OPERS.	100	150	50	50.0
SECOND CUTTERS, HAND	10	10	0	0.0
SLITTER-CREASER-SLOTTER OPERATORS	20	20	0	0.0
SLITTER-SCORER-CUT-OFF OPERATORS	10	0	-10	-100.0
SPLITTERS	10	0	-10	-100.0
STAPLE CUTTERS/ST PROC. MACH. OPERS.	230	270	40	17.4
STENCIL CUTTERS	10	10	0	0.0
TENONER OPERATORS	40	40	0	0.0
TRIMMERS, PLASTIC	20	30	10	50.0
VENEER JOINTER OPERATORS	40	50	10	25.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
CUTTING MACHINE OPERATORS, FOOD	110	140	30	27.3
PLANER OPERATORS	110	130	20	18.2
DRESSMAKERS, EX FACTORY	130	160	30	23.1
DRILLERS, EARTH	40	50	10	25.0
DRILLERS, MACHINE	40	50	10	25.0
ROTARY DRILL OPERATORS	0	0	0	0.0
DRY WALL INSTALLERS, LATHERS	420	580	160	38.1
DRY WALL APPLICATORS	220	310	90	40.9
LATHERS	50	70	20	40.0
TAPERS	150	200	50	33.3
DYERS	1,890	2,080	190	10.1
AGER OPERATORS	20	20	0	0.0
BEAM DYER OPERS., PKG. DYE MACHINE OPERATORS	220	250	30	13.6
DYE RANGE OPERS./SP DYE BECK TENDERS	920	1,010	90	9.8
DYE REEL OPERS., JIGGERS, PAD MACHINE OPERATORS	360	390	30	8.3
DYE TUB OPERS., RANDOM DYERS, ETC.	290	320	30	10.3
SKEIN YARN DYERS	80	90	10	12.5
FILERS, POLISHERS, SANDRS., BUFFRS.	1,510	2,150	640	42.4
FILERS, GRINDERS, CHIPPERS	1,390	2,000	610	43.9
SANDBLASTERS/SHOTBLASTERS	90	110	20	22.2
DIE POLISHERS, WIRE &/OR TUBES	10	20	10	100.0
PLANERS, STONE	10	10	0	0.0
VENEER SANDERS	10	10	0	0.0
GARAGE WORKERS, GAS STAT. ATTNS.	5,970	6,850	880	14.7
FUEL PUMP ATTENDANTS, LUBRICATORS	4,940	5,660	720	14.6
TIRE CHANGERS	1,030	1,190	160	15.5
LAUNDRY, DRYCLEANING OPERS., NEC.	2,060	2,460	400	19.4
MARKERS, CLASSIFIERS, ASSEMBLERS	390	440	50	12.8
SPOTTERS, DRYCLEANING	60	70	10	16.7
SPOTTERS, WASHABLE MATERIALS	30	40	10	33.3
WASHERS, MACH &/OR STARCHERS	480	560	80	16.7
TUMBLER OPERATORS	40	40	0	0.0
DRYCLEANING MACHINE OPERATORS	200	220	20	10.0
DRYCLEANERS, HAND	10	10	0	0.0
LAUNDRY OPERATORS, SM ESTABLISHMENT	480	670	190	39.6
RUG CLEANERS, HAND	40	50	10	25.0
RUG CLEANERS, MACHINE	40	40	0	0.0
FOLDERS, LAUNDRY	240	270	30	12.5
WASHERS, SYNTHETIC FIBERS	50	50	0	0.0
MEAT CUTTERS, BUTCHERS	1,040	1,290	250	24.0
BONERS, MEAT	400	500	100	25.0
BONERS, POULTRY	140	180	40	28.6
BUTCHERS, ALL-AROUND	300	360	60	20.0
CARCASS SPLITTERS	50	60	10	20.0
FISH CLEANERS, HAND/BUTCHERS, FISH	150	190	40	26.7
MINE OPERATIVES, NEC.	130	140	10	7.7
CUTTING MACHINE OPERATORS	10	10	0	0.0
DRIER OPERATORS, COAL OR ORE	10	10	0	0.0
GAGERS	10	0	-10	-100.0
LOADING MACHINE OPERATORS	10	20	10	100.0
TIPPLE OPERATORS	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
PANELBD. OPERS., GRIND MILL OPERS.	30	30	0	0.0
MILL &/OR GRINDER OPERS., MINERALS	50	60	10	20.0
MIXING OPERATIVES	190	230	40	21.1
ASPHALT BLENDERS	10	0	-10	-100.0
ASPHALT MIXERING MACHINE TENDERS	0	20	20	200.0
ASPHALT-PLANT OPERATORS	30	40	10	33.3
BLENDER CONVEYOR OPERATORS	10	10	0	0.0
COATING MIXER TENDERS	10	10	0	0.0
SAND MIXERS, HAND OR MACHINE	10	10	0	0.0
MIXERS, PLASTER	10	10	0	0.0
MIXERS, FOOD & TOBACCO	110	130	20	18.2
OILERS	1,190	1,260	70	5.9
PAINTERS, MFG. ARTICLES	990	1,280	290	29.3
PAINTERS, AUTOMOTIVE	260	320	60	23.1
PAINTERS, PRODUCTION	720	950	230	31.9
PAINTERS, AIRCRAFT	10	10	0	0.0
PHOTOGRAPHIC PROCESS WORKERS	310	400	90	29.0
DEVELOPERS, PROJECTION PRINTERS	70	80	10	14.3
MULTIPLE PHOTO PRINTER OPERATORS	50	70	20	40.0
PHOTO CHECKERS & ASSEMBLERS	70	90	20	28.6
COPY CAMERA OPERATORS	70	90	20	28.6
SILK SCREEN MAKERS	20	30	10	50.0
RETOUCHERS (ARTISTS)	30	30	0	0.0
PHOTO RETOUCHERS, AIRBR. ARTISTS	0	10	10	100.0
RIVETERS & FASTENERS	110	130	20	18.2
NAILING MACHINE OPERATORS	90	110	20	22.2
STAPLERS, MATTRESS & BEDSPRING	20	20	0	0.0
SAILORS & DECKHANDS	110	130	20	18.2
ORDINARY SEAMAN	110	130	20	18.2
SAWYERS	1,250	1,490	240	19.2
BAND SCROLL SAW OPERATORS	50	70	20	40.0
CUT-OFF SAW OPERATORS, LUMBER	150	170	20	13.3
CUT-OFF SAWYERS, LOG	40	40	0	0.0
EDGERS, AUTOMATIC &/OR PONY	110	120	10	9.1
GANG SAWYERS	60	70	10	16.7
HEAD SAWYERS	270	300	30	11.1
RESAWYERS	50	60	10	20.0
RIPSAW OPERATORS	110	130	20	18.2
SAWYERS, METAL	120	160	40	33.3
SAWYERS, PLASTICS	100	140	40	40.0
TRIM SAW OPERATORS	110	130	20	18.2
VARIETY SAW OPERATORS	80	100	20	25.0
SEWERS & STITCHERS	29,560	31,020	1,460	4.9
MENDERS	140	160	20	14.3
SEWING MACH. OPERS., REG EQPT., NONGARMENT	1,460	1,640	180	12.3
BAG SEWERS	20	20	0	0.0
GARMENT REPAIRERS	290	300	10	3.5
MENDERS, CLOTH	460	540	80	17.4
SEWING MACH. OPERS., SPEC. EQPT., NONGARMENT	1,250	1,370	120	9.6
SEWING MACH. OPERS., SPEC. EQPT., GARMENT	2,810	2,920	110	3.9
SEWING MACH. OPERS., REG. EQPT., GARMENT	23,130	24,070	940	4.1

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
SHOEMAKING MACHINE OPERATORS	70	110	40	57.1
INKERS, HAND OR MACHINE	10	20	10	100.0
SKIVERS	40	60	20	50.0
TRIMMERS, MACHINE	20	30	10	50.0
FURNACE TNDRS., STOKRS., EX. METAL	660	760	100	15.2
STATIONARY BOILER FIRERS	510	580	70	13.7
BATCH, FURNACE, TANK OPERATORS, GLASS	20	30	10	50.0
KILN OPERATORS, MINERAL	90	110	20	22.2
KILN OPERATORS, LUMBER	40	40	0	0.0
WINDING OPERATIVES, NEC	1,160	1,500	340	29.3
CONVOLUTE OR SPIRAL TUBE WINDERS	350	420	70	20.0
MILL ROLL REWINDERS, CELLOPHANE	10	10	0	0.0
PAPER REEL OPERS., REWINDER OPERS.	140	160	20	14.3
WINDERS, PAPER MACHINE	100	110	10	10.0
COIL WINDERS	560	800	240	42.9
MISC. MACH. OPERS., MEAT & DAIRY PROD.	360	420	60	16.7
PICKLERS, MEAT	10	10	0	0.0
PRESS OPERATORS, MEAT	0	10	10	0.0
PUMPERS, MEAT	10	10	0	0.0
SKIN PEELING MACHINE OPERATORS	10	10	0	0.0
DRY CURER	10	10	0	0.0
CASING FINISHERS &/OR STUFFERS	50	50	0	0.0
NOVELTY WORKERS	10	10	0	0.0
FLAVOR ROOM WORKERS, FREEZER OPERS.	20	20	0	0.0
DAIRY PROCESSING EQPT. OPERATORS	100	110	10	10.0
MEAT GRINDERS	50	60	10	20.0
CENTRIFUGE OPERATORS, FOOD	0	10	10	100.0
COOKS &/OR COOKERS	90	110	20	22.2
MISC. MACH. OPERS., ALL OTHER FOOD PRODUCTS	400	460	60	15.0
BLANCHING MACHINE OPERATORS	10	10	0	0.0
MOGUL OPERATORS, CONFECTION	10	10	0	0.0
FLAKING ROLL OPERATORS, CEREAL	10	10	0	0.0
PASTEURIZERS, MARGARINE	10	10	0	0.0
HYDROGENATION OPERATORS	10	10	0	0.0
FEED PELLET MILL OPERATORS	10	20	10	100.0
GRAIN RECEIVERS	10	10	0	0.0
DOUGHNUT MAKRS/DOUGHNUT MACH. OPERS.	100	130	30	30.0
DIVIDING MACH. OPERATORS, ETC.	20	20	0	0.0
DYE TANK TENDERS, ETC.	60	70	10	16.7
LINTER MACHINE TENDERS	30	30	0	0.0
OVEN OPERATORS	40	40	0	0.0
PAN GREASERS, MACHINE	10	10	0	0.0
DRIER OPERATORS	10	10	0	0.0
PROCESSORS, GRAIN	10	10	0	0.0
BATTER SCALERS	50	60	10	20.0
MISC. MACHINE OPERS., TOBACCO	10	10	0	0.0
THRESHERS	10	10	0	0.0
MISC. MACH. OPERS., TEXTILE MILL PRODUCTS	2,180	2,330	150	6.9
LAMINATING MACHINE OPERATORS, ETC.	170	200	30	17.7
CALENDER OPERATORS, CLOTH PRESSING	120	130	10	8.3
DRIER & REWINDER OPERATORS, RUGBK.	50	60	10	20.0
BLENDING MACHINE OPERATORS	240	260	20	8.3
COATING MACHINE OPERATORS	100	110	10	10.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
CLOTH TRIMMERS, MACHINE ETC.	520	560	40	7.7
FUSING MACHINE OPERATORS	50	50	0	0.0
TUMBLER TENDERS	10	20	10	100.0
FOLDING MACHINE OPERATORS	920	940	20	2.2
MISC. MACH. OPERS., LUMBER PRODUCTS FURNITURE	510	600	90	17.7
TREATING ENGINEERS	20	30	10	50.0
VENEER DRIERS	120	140	20	16.7
VENEER REPAIRERS, MACHINE	0	10	10	100.0
HOT PLATE PLYWOOD PRESS OPERS.	90	100	10	11.1
EDGE GLUERS	40	50	10	25.0
POWER BARKER OPERATORS	130	150	20	15.4
DOWEL MACHINE OPERATORS	10	10	0	0.0
DADO OPERATORS	20	20	0	0.0
HYDRAULIC PRESS OPERATORS, VENEER	20	20	0	0.0
GLUING MACHINE OPERATORS	20	20	0	0.0
CORE FEEDERS	30	40	10	33.3
LAMINATING MACH. OPERATORS, FURN.	10	10	0	0.0
MISC. MACH. OPERS., PAPER, ALLIED PRODUCTS	2,290	2,630	340	14.9
PULP REFINER OPERATORS	50	50	0	0.0
PULPERS	110	110	0	0.0
RECOVERY OPERATORS, PAPERMAKING	30	30	0	0.0
SUPER CALENDER OPERATORS	10	10	0	0.0
WET MACHINE TENDERS	300	340	40	13.3
EVAPORATOR OPERATORS, PAPERMAKING	30	30	0	0.0
WOOD GRINDER OPERATORS	30	30	0	0.0
FOURDRINIER MACHINE TENDERS	80	90	10	12.5
BACK TENDERS	130	140	10	7.7
BEATERS	70	80	10	14.3
BEATER ENGINEERS	70	70	0	0.0
BLEACHER OPERATORS, PULP	30	40	10	33.3
DIGESTER OPERATORS	50	60	10	20.0
CYLINDER MACHINE TENDERS	70	80	10	14.3
COATER OPERATORS, OFF-MACHINE	30	40	10	33.3
PAPER CUP MACHINE OPERATORS	70	90	20	28.6
PRINTER-SLOTTER OPERATORS	60	70	10	16.7
SCORERS	10	10	0	0.0
TAPING MACINE OPERATORS	50	60	10	20.0
WAXING MACHINE OPERATORS	120	140	20	16.7
FLEXO-FOLDER-GLUER OPERATORS	10	10	0	0.0
BAG MACHINE OPERATORS	170	210	40	23.5
AUTOMATIC ASSEMBLY MACH. ATTNS.	370	450	80	21.6
BOTTOMING MACHINE OPERATORS, ETC.	30	40	10	33.3
BOX MAKERS, PAPERBOARD	30	30	0	0.0
CUTTING & CREASING PRESS OPERS.	30	30	0	0.0
CARTON-FORMING MACH. OPERATORS	10	10	0	0.0
CORRUGATOR OPERATORS	50	60	10	20.0
SCRAPPERS/STRIPPERS	30	40	10	33.3
BROWN STOCK WASHERS, BLOW PIT OPERS.	30	30	0	0.0
FOURTH/FIFTH HANDS, PAPER MACHINE	120	140	20	16.7
SLOTTER OPERATORS	10	10	0	0.0
MISC. MACH. OPERS., CHEM. ALLIED PROD.	4,210	4,960	750	17.8
PULVERIZER & DRIER TENDERS	100	110	10	10.0
SPINNERS, SYNTHETIC FILAMENTS	1,030	1,230	200	19.4
FILTER CLEANERS	10	10	0	0.0
ACETONE RECOVERY WORKERS	10	10	0	0.0
DRAW MACHINE OPERATORS	610	720	110	18.0
EVAPORATOR OPERATORS, CHEMICAL	30	30	0	0.0
KETTLE OPERATORS, ADHESIVE	30	40	10	33.3
COMPRESSORS, TABLET	10	10	0	0.0
PUMPERS, LIQUIDS	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
PUMPERS, LIQUIDS	10	10	0	0.0
STILL OPERATORS, BATCH OR CONTIN.	30	30	0	0.0
CHEMICAL OPERATOR HELPERS	270	300	30	11.1
CHEMICAL OPERATORS A	1,090	1,300	210	19.3
CHEMICAL OPERATORS B	550	640	90	16.4
GRINDER OPERATORS, CHEMICAL	80	100	20	25.0
DRIER OPERS., CHEM., PLAST., RUBBR.	10	10	0	0.0
CHIEF OPERATORS	340	410	70	20.6
MISC. MACH. OPERS., PETROL., COAL PRODUCTS	30	30	0	0.0
STILL OPERATORS, ASPHALT	10	10	0	0.0
ASPHALT-PLANT DRIER OPERATORS	20	20	0	0.0
MISC. MACH. OPERS., RUBBER, MISC. PLASTIC	2,060	3,120	1,060	51.5
RUBBER MILL OPERATORS	270	510	240	88.9
ROLLERS BUILDERS, RUBBER	30	40	10	33.3
RUBBER GRINDER-FINISHER OPERATORS	120	180	60	50.0
SPLICERS	30	40	10	33.3
SPLICERS, RUBBER PRODUCTS	10	10	0	0.0
TUBER MACHINE OPERATORS	30	50	20	66.7
PRESS TENDERS, RUBBER GOODS	50	80	30	60.0
BRAIDING MACHINE TENDERS	10	20	10	100.0
CALENDER OPERATORS	70	120	50	71.4
BELT BUILDERS	180	270	90	50.0
DIPPING MACHINE OPERATORS	80	120	40	50.0
CALENDER OPERATORS, PLASTICS	140	200	60	42.9
FINISHERS, MACHINE	30	50	20	66.7
COMPRESSOR &/OR INJECT MOLD MACHINE OPERATORS, PLASTIC	760	1,110	350	46.1
EXTRUDER OPERATOR HELPERS	250	320	70	28.0
MISC. MACH. OPERS., LEATHER & LEATHER GOODS	10	20	10	100.0
GLOVE TURNERS & FORMERS	10	20	10	100.0
MISC. MACH. OPERS., STONE, CLAY, GLASS	720	890	170	23.6
FORMING MACH. OPERATORS, GLASS CONT.	280	380	100	35.7
REFRACTORY GRINDER OPERATORS	10	10	0	0.0
SPRAY MACHINE OPERATORS	10	10	0	0.0
PRESS OPERATORS	10	10	0	0.0
DRY PAN OPERATORS	10	10	0	0.0
GLAZE MAKERS	0	10	10	100.0
CAGE MAKERS, HAND OR MACHINE	20	20	0	0.0
BATTERS-OUT	10	10	0	0.0
BLOCKMAKING MACHINE OPERATORS	50	60	10	20.0
DIPPERS	0	10	10	100.0
CONCRETE STONE FABRICATORS	50	50	0	0.0
SAND BLASTERS, STONE	10	10	0	0.0
BRICK & TILE MAKING MACH. OPERS.	50	50	0	0.0
CONCRETE VAULT MAKERS	10	10	0	0.0
BRAIDING MACHINE OPERATORS	130	140	10	7.7
MILLERS, CLAY	20	20	0	0.0
FLOOR WORKERS, GLASS	50	60	10	20.0
MISC. MACH. OPERS, PRIMARY METALS	360	500	140	38.9
ROLL BUILDERS	20	30	10	50.0
COILERS, WINDERS &/OR SPOOLERS	40	60	20	50.0
MOLD MAKERS, POTTERY	10	10	0	0.0
STRETCHER-LEVELER OPERATORS	10	20	10	100.0
DIE HOLDERS	10	10	0	0.0
COREMAKERS, MACHINE	10	20	10	100.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
EXTRUSION PRESS OPERS, HOT BILLETS	10	20	10	100.0
INSULATING EXTRUDING, MACH. OPERS.	80	100	20	25.0
IMPREGNATORS, ELECTRONIC	130	180	50	38.5
COIL TAPERS, HAND OR MACHINE	10	10	0	0.0
BODYMAKERS OPERATORS, TIN CAN	30	40	10	33.3
MISC. MACH. OPERS., MFG., NEC.	2,300	3,110	810	35.2
COREMAKERS, HAND, BENCH, FLOOR	30	40	10	33.3
CHIPPERS	120	140	20	16.7
GLUERS	140	170	30	21.4
TUMBLER OPERATORS, PLASTICS	0	10	10	100.0
LAMINATORS, PREFORMS	170	210	40	23.5
PRESS OPERATORS, PLASTICS	70	100	30	42.9
TUBE MOLDERS, FIBERGLASS	130	180	50	38.5
ENCAPSULATORS	1,340	1,920	580	43.3
SILK SCREEN PRINTERS, ELECTRONIC	30	40	10	33.3
COATERS, ROOFING FELT	20	20	0	0.0
LOADING MACHINE OPERATORS	110	120	10	9.1
INSUL/WRAPPING/BRAIDING MACH. OPERS.	30	40	10	33.3
ADHESIVE BANDAGE MACH. OPERATORS	30	30	0	0.0
SOABAR OPERATORS	80	90	10	12.5
MISC. MACH. OPERS., NONMFG.	590	730	140	23.7
TIRE FABRICATORS, REPAIRERS	520	640	120	23.1
PHOTOLETTERING MACHINE OPERATORS	10	10	0	0.0
DECORATING MACHINE OPERATORS	50	70	20	40.0
GRANULATOR MACHINE OPERATORS	10	10	0	0.0
OPERATIVES, NEC., DURABLE GOODS	750	940	190	25.3
CATCHERS	20	20	0	0.0
CASTERS, POTTERY & PORCELAIN	200	230	30	15.0
CONCRETE PIPE MAKERS	20	30	10	50.0
DECORATING EQUIPMENT SETTERS	20	30	10	50.0
FABRICATORS, PLASTICS	10	10	0	0.0
FINISHERS, HAND	180	250	70	38.9
HANDLERS	10	10	0	0.0
PREPARATION ROOM WORKERS	20	30	10	50.0
TABLE OPERATORS, STEEL	10	20	10	100.0
TRANSFER CONTROLLERS, SAW MILL	40	40	0	0.0
WIRE DRAWERS	100	140	40	40.0
PIPE STRIPPERS	40	40	0	0.0
VENEER REPAIRERS, HAND	80	90	10	12.5
OPERATIVES, NEC., NONDURABLE GOODS	2,500	2,940	440	17.6
BAG BUILDERS	20	20	0	0.0
CURERS, RUBBER GOODS	200	310	110	55.0
BAKER HELPERS	140	150	10	7.1
CALENDER OPERATOR HELPERS	90	130	40	44.4
CHICKEN CUTTERS	30	40	10	33.3
COOLER ROOM WORKERS, MEAT	10	20	10	100.0
DEHAIRING MACHINE OPERATORS	20	20	0	0.0
DIE MOUNTERS	50	60	10	20.0
DIGESTER OPERATOR HELPERS	60	70	10	16.7
DRAPERS	70	80	10	14.3
PICKERS	200	180	-20	-10.0
POULTRY DRESSERS, EVISCERATORS	510	630	120	23.5
PRINTER-SLOTTER FEEDERS	70	80	10	14.3
SHELLFISH SHUCKERS	30	40	10	33.3
SHUTTLERS, EMBROIDERY	220	220	0	0.0
SINGERS, CLOTH	30	40	10	33.3
SKINNERS, ANIMAL	20	20	0	0.0
SHACTORS	0	10	10	100.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
SMOKERS	10	20	10	100.0
STICKERS	20	20	0	0.0
STUNNERS	10	20	10	100.0
THREAD TRIMMERS	450	490	40	8.9
CASTERS, PLASTIC	20	20	0	0.0
FINISHERS, POTTERY & PORECELAIN	10	10	0	0.0
PURIFICATION OPERATORS, ETC.	10	20	10	100.0
BED SETTERS	10	10	0	0.0
PRESS ASSISTANTS & FEEDERS	90	100	10	11.1
COPY MARKER	20	20	0	0.0
MAILERS	80	90	10	12.5
OPERATIVES, NEC., NONMFG.	450	590	140	31.1
BILLPOSTERS	30	40	10	33.3
EXTERMINATORS	250	320	70	28.0
TERMITE TREATERS	120	160	40	33.3
TERMITE TREATER HELPERS	40	60	20	50.0
FUMIGATORS	10	10	0	0.0
TRANSPORT EQUIPMENT OPERATIVES	36,990	43,400	6,410	17.3
BUS DRIVERS	1,520	1,710	190	12.5
DELIVERY & ROUTE WORKERS	9,000	10,320	1,320	14.7
FORK LIFT, TOW MOTOR OPERATORS	5,550	6,410	860	15.5
INDUSTRIAL TRUCK OPERATORS	5,290	6,120	830	15.7
CARRIER DRIVER	30	30	0	0.0
LOG HANDLING EQUIPMENT OPERATORS	230	260	30	13.0
PARKING ATTENDANTS	30	40	10	33.3
TOWER OPERATORS	10	10	0	0.0
TAXICAB DRIVERS, CHAUFFEURS	620	680	60	9.7
AMBULANCE DRIVERS	270	300	30	11.1
TAXI DRIVERS	230	230	0	0.0
RENTAL CAR DELIVERY WORKERS	10	20	10	100.0
CHAUFFEURS	110	130	20	18.2
TRUCK DRIVERS	20,260	24,230	3,970	19.7
TRUCK DRIVERS	20,260	24,230	3,970	19.7
ALL OTHER SEMISKILLED WORKERS	42,870	48,990	6,120	14.3
SERVICE WORKERS	127,330	159,510	32,180	25.3
CLEANING SERVICE WORKERS	33,930	41,810	7,880	23.2
JANITORS & SEXTONS	33,930	41,810	7,880	23.2
FOOD SERVICE WORKERS	50,290	65,850	15,560	30.9
BAKERS, BREAD &/OR PASTRY	560	700	140	25.0
BARTENDERS	700	950	250	35.7
WAITERS ASSISTANTS	2,680	3,670	990	36.9
COOKS, EX PRIVATE	12,440	15,760	3,320	26.7
COOKS, SHORT ORDER/SPEC. FAST FOOD	3,480	4,730	1,250	35.9
COOKS, RESTAURANT	2,660	3,660	1,000	37.6
COOKS, INSTITUTIONAL	6,300	7,370	1,070	17.0
BUTCHERS &/OR MEAT CUTTERS	2,620	3,370	750	28.6
WAITERS	12,740	17,300	4,560	35.8
HOST/HOSTESSES, REST., LNGE., COFFEE SHOP	500	660	160	32.0
WAITERS OR WAITRESSES	12,240	16,640	4,400	36.0
FOOD WORKERS, NEC., EX PRIVATE	18,550	24,100	5,550	30.0
FD. PREP. & SERV. WORKERS, FAST FOOD RESTAURANT	5,970	8,080	2,110	35.3
PANTRY, SANDWICH &/OR COFFEE MAKERS	550	740	190	35.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	NET CHANGE	PERCENT CHANGE
ALL OTHER FOOD SERVICE WORKERS	12,030	15,280	3,250	27.0
HEALTH SERVICE WORKERS	11,970	14,330	2,360	19.7
NURSES, AIDES, ORDERLIES	11,970	14,330	2,360	19.7
NURSES, AIDES, ORDERLIES	11,970	14,330	2,360	19.7
PERSONAL SERVICE WORKERS	7,460	8,880	1,420	19.0
ATTNS., RECREATION, AMUSEMENT	1,070	1,380	310	29.0
RECREATION FACILITY ATTENDANTS	850	1,080	230	27.1
GAME OPERS., RIDE OPERS., CONCESS. WORKERS	120	160	40	33.3
PIN CHASERS	40	60	20	50.0
RACKERS, POOLROOM	10	10	0	0.0
LIFEGUARDS	50	70	20	40.0
ATTNS., PERSONAL SERVICE, NEC	1,240	1,590	350	28.2
COSTUMERS	320	380	60	18.8
FUNERAL ATTENDANTS	230	260	30	13.0
MASSEURS OR MASSEUSES	40	50	10	25.0
INSTRUCTORS, REDUCING	110	120	10	9.1
HOUSEKEEPERS, HOTEL & MOTEL	510	740	230	45.1
CHECKROOM & LOCKER ROOM ATTENDANTS	30	40	10	33.3
BAGGAGE PORTERS & BELLHOPS	400	590	190	47.5
BELLHOPS, BAG PORTERS, DOORKEEPERS, ETC.	390	580	190	48.7
BAGGAGE PORTERS	10	10	0	0.0
BARBERS	300	350	50	16.7
BOOTBLACKS	10	10	0	0.0
CHILD CARE WORKERS, EX PRIVATE	1,170	1,280	110	9.4
CHILD CARE ATTENDANTS	40	50	10	25.0
CHILD CARE WORKERS	1,130	1,230	100	8.9
ELEVATOR OPERATORS	200	200	0	0.0
HAIRDRESSERS, COSMETOLOGISTS	2,070	2,350	280	13.5
COSMETOLOGISTS/WM'S HAIRSTYLISTS	1,920	2,170	250	13.0
MANICURISTS	20	30	10	50.0
SCALP TREATMENT OPERATORS	50	60	10	20.0
SHAMPOOERS	80	90	10	12.5
SCHOOL MONITORS	130	150	20	15.4
USHERS, LOBBY ATTNS., TICKET TAKERS	160	180	20	12.5
WELFARE SERVICE AIDES	710	800	90	12.7
PROTECTIVE SERVICE WORKERS	15,710	19,100	3,390	21.6
CROSSING GUARDS, BRIDGETENDERS	500	610	110	22.0
CROSSING OR BRIDGE TENDERS	250	310	60	24.0
SCHOOL CROSSING GUARDS	250	300	50	20.0
FIREFIGHTERS	2,230	2,690	460	20.6
FIRE FIGHTERS	2,060	2,480	420	20.4
FIRE INSPECTORS	40	50	10	25.0
FIRE OFFICERS	130	160	30	23.1
GUARDS	7,420	9,060	1,640	22.1
GUARDS & DOORKEEPERS	6,120	7,530	1,410	23.0
CHECKERS, FITTING ROOM	80	100	20	25.0
FISH & GAME WARDENS	150	180	30	20.0
CORRECTION OFFICERS &/OR JAILERS	1,070	1,250	180	16.8
U.S. MARSHALLS	30	30	0	0.0
POLICE DETECTIVES	4,860	5,890	1,030	21.2
DETECTIVES	460	550	90	19.6
STORE DETECTIVES	170	220	50	29.4
RAILROAD POLICE	30	30	0	0.0
POLICE OFFICERS	630	760	130	20.6
POLICE DETECTIVES	390	450	60	15.4

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
POLICE PATOLMEN/WOMEN	3,150	3,850	700	22.2
PARKING ENFORCEMENT OFFICERS	30	30	0	0.0
SHERIFFS & BAILIFFS	670	820	150	22.4
SHERIFFS	620	760	140	22.6
BAILIFFS	50	60	10	20.0
OTHER SERVICE WORKERS	7,970	9,540	1,570	19.7
SUPERVISORS, NONWORKING, SERVICE	1,740	2,170	430	24.7
ALL OTHER SERVICE WORKERS	6,230	7,370	1,140	18.3
LABORERS, EXCEPT FARM	83,110	99,330	16,220	19.5
ANIMAL CARETAKERS	50	60	10	20.0
CONST. LABORS EX CARPENTERS HELPERS	6,430	7,720	1,290	20.1
AIR HAMMER OPERATORS	70	90	20	28.6
FORM SETTERS, METAL ROAD FORM	10	10	0	0.0
DREDGE PIPE INSTALLERS	10	20	10	100.0
FENCE ERECTORS	50	60	10	20.0
PIPELAYERS	410	530	120	29.3
REINFORCING-IRON WORKERS	660	870	210	31.8
TRENCH SEWER SHAPERS	20	30	10	50.0
SEWER TAPPERS	70	90	20	28.6
HIGHWAY MAINTENANCE WORKERS	5,030	5,890	860	17.1
ASPHALT RAKERS	100	130	30	30.0
FREIGHT, MATERIAL HANDLERS	1,920	2,110	190	9.9
CHAIN OFFBEARERS, LUMBER	330	380	50	3.0
KILN TRANSFER OPERATORS	10	10	0	0.0
LOADERS, CAR & TRUCK	50	50	0	0.0
LUMBER STRAIGHTENERS	40	50	10	25.0
OFF-BEARERS	250	290	40	16.0
KILN STACKER OPERATORS	50	50	0	0.0
VENEER DRIER FEEDERS	100	120	20	20.0
CONVEYOR OPERATORS OR TENDERS	310	350	40	12.9
CULLET CRUSHERS/WASHER OPERATORS	10	10	0	0.0
WORK DISTRIBUTORS	770	800	30	3.9
GARBAGE COLLECTORS	630	770	140	22.2
GARDENERS, GROUNDSKEEPERS, EX FARM	3,210	4,120	910	28.4
TIMBERCUTTING, LOGGING WORKERS	1,740	1,970	230	13.2
CHASERS	80	90	10	12.5
CHOKER SETTERS, LUMBER	140	160	20	14.3
DECKER OPERATORS	20	20	0	0.0
BULL CHAIN OPERATORS	50	50	0	0.0
FALLERS &/OR BUCKERS	1,170	1,320	150	12.8
HEAD LOADERS	120	140	20	16.7
POND WORKERS, LUMBER	40	40	0	0.0
RIGGING SLINGERS	40	50	10	25.0
SECOND LOADERS	80	100	20	25.0
STOCK HANDLERS	8,760	10,890	2,130	24.3
ORDER FILLERS	3,070	3,640	570	18.6
STOCK CLERKS, SALES FLOOR	5,690	7,250	1,560	27.9
VEHICLE WASHERS, EQUIPMENT CLEANERS	10	20	10	100.0
POLISHERS, MOLD	10	20	10	100.0
OTHER LABORERS	60,360	71,670	11,310	18.7
HIDE HANDLERS	0	10	10	0.0
HIDE PULLERS	10	20	10	100.0
SETTERS &/OR DRAWERS	160	190	30	18.8
SHAKERS	60	50	-10	-16.7
STRIPPERS	20	30	10	50.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN SOUTH CAROLINA 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
FURNACE OPER. HELPERS/HEATER HELPERS	60	80	20	33.3
RIGGERS	530	620	90	17.0
HELPER, TRADES	14,540	18,500	3,960	27.2
CANNERY WORKERS	60	70	10	16.7
LINE SERVICE ATTENDANTS	90	100	10	11.1
FOREST CONSERVATION WORKERS	830	940	110	13.3
SEPTIC TANK SERVICERS, ETC.	10	10	0	0.0
ALL OTHER UNSKILLED WORKERS	43,990	51,050	7,060	16.1

SOURCE: Manpower Research and Analysis, South Carolina Employment Security Commission.

1/ Occupation employment on OES Survey based matrix does not include farm workers, unpaid family workers, workers in private households, and military personnel.

NOTE: No occupation rounded to less than 10 is published.

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA 1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
TOTAL, ALL OCCUPATIONS	66.340	34,050	32,290	Employment expected to grow faster than average for all occupations. Much growth will stem from industrial expansion to meet the demand for more goods and services. More engineers will be needed in the design & construction of factories, utility systems, office buildings and manufacture of scientific instruments, industrial machinery and chemical products.
PROFESSIONAL, TECHNICAL, KINDRED	8,730	4,270	4,460	
ENGINEERS	480	310	170	
AERO-ASTRONAUTIC ENGINEERS	*	*	*	
CHEMICAL ENGINEERS	30	20	10	
CIVIL ENGINEERS	80	40	40	
ELECTRICAL ENGINEERS	70	50	20	
INDUSTRIAL ENGINEERS	60	40	20	
MECHANICAL ENGINEERS	130	90	40	
METALLURGICAL ENGINEERS	*	*	*	
MINING ENGINEERS	*	*	*	
PETROLEUM ENGINEERS	*	*	0	
NUCLEAR ENGINEERS	10	*	*	
OTHER ENGINEERS	100	60	40	
LIFE & PHYSICAL SCIENTISTS	80	50	30	Employment prospects good for those with advanced degrees. Employment is expected to increase slower than the average for all occupations. Employment opportunities will grow as a result of increased interest in preserving the natural environment and a continuing interest in medical research.
AGRICULTURAL SCIENTISTS	10	*	10	
ATMOSPHERIC SCIENTISTS	*	*	*	
LIFE SCIENTISTS	10	10	*	
BIOLOGICAL SCIENTISTS	10	10	*	
MEDICAL SCIENTISTS	*	*	0	
CHEMISTS	40	20	20	
GEOLOGISTS	*	*	*	
PHYSICISTS	10	10	*	
LIFE, PHYSICAL SCIENTISTS, NEC	10	10	*	
MATHEMATICAL SPECIALISTS	20	10	10	Employment for mathematical specialists is expected to increase more slowly than the average for all occupations. Mathematical specialists will be needed for work in operations research, numerical analysis, computer systems programming, applied mathematical physics, market research and commercial surveys.
ACTUARIES	0	0	0	
MATHEMATICAL SCIENTISTS	10	10	*	
MATHEMATICIAN	*	*	*	
ALL OTHER MATH SCIENTISTS	*	*	*	
STATISTICIANS	10	*	10	
ENGINEERING, SCIENCE TECHNS.	500	350	150	Employment opportunities expected to be greater than the total for all occupations. Industrial expansion and the increasing complexity of modern technology are major factors in the anticipated increase in demand for technicians. Many will work with engineers and scientists in developing, producing, and distributing new and technically advanced products.
DRAFTERS	120	100	20	
ELECTRICAL, ELECTRONIC TECHNS.	100	80	20	
SOUND RECORDING & REPRO TECHNS.	*	*	*	
VIDEO RECORDING ENGINEERS	*	*	*	
ELECTRICAL & ELECTRONIC TECHNS. BROADCAST TECHNICIANS	90	70	20	
MATHEMATICAL TECHNICIANS	10	10	*	
MECHANICAL ENGINEERING TECHNS.	*	*	0	
SURVEYORS	50	20	30	
ENGINEERING, SCIENCE TECHNS., NEC	20	10	10	
TIMBER CRUISERS	200	140	60	
TRAFFIC TECHNICIANS	10	*	*	
OTHER ENGINEERING & SCIENCE TECHNS.	200	140	60	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA 1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
MEDICAL WORKERS, EX. TECHNS.	1,000	470	530	Employment opportunities more favorable than the total for all occupations. Underlying factors in the favorable conditions are due to population growth (especially among older people), increased awareness that regular medical care helps prevent and control diseases and because of greater ability to pay, resulting from extension of prepayment plans for hospitalization and medical care, including Medicare and Medicaid.
CHIROPRACTORS	*	*	*	
DENTISTS	30	20	10	
DIETITIANS	40	20	20	
NURSE & PHYSICIANS ASSISTANT	640	270	370	
NURSES, PROFESSIONAL	630	260	340	
PHYSICIANS ASSISTANTS	10	10	*	
PHARMACISTS	100	40	60	
PHYSICIANS, MED & OSTEOPATH	120	80	40	
THERAPISTS	60	30	30	
OCCUPATIONAL THERAPISTS	*	*	*	
SPEECH & HEARING CLINICIANS	10	*	*	
PHYSICAL THERAPISTS	10	10	*	
CORRECTIVE THERAPISTS	0	0	0	
INHALATION THERAPISTS	30	20	10	
VETERINARIANS	*	*	*	
HEALTH TECHNOLS. & TECHNS.	820	420	400	Employment is expected to grow faster than the average for all occupations. Contributing to the expected growth is the increased demand for health care in general as a result of greater health consciousness; wider use of laboratory tests by physicians in routine physical checkups and in the diagnosis and treatment of disease; continued increase in the use of medical insurance, which will result in a need for more complete medical records; greater demand for eye care services; and new and expanding uses for respiratory therapy.
CLINICAL LAB TECHNOLS., TECHNS.	120	70	50	
MEDICAL LAB TECHNOLOGISTS	50	30	20	
MICROBIOLOGY TECHNOLOGIST	*	*	0	
CYTOTECHNOLOGISTS	10	10	*	
HISTOLOGIC TECHNOLOGISTS	*	*	0	
MEDICAL LAB ASSISTANTS	60	30	30	
DENTAL HYGIENISTS & ASSISTANTS	170	110	60	
DENTAL ASSISTANTS	130	80	50	
DENTAL HYGIENISTS	40	30	10	
HEALTH RECORD TECHNOLS., TECHNS.	30	10	20	
RADIOLOGIC TECHNOLS., TECHNS.	60	30	30	
X-RAY TECHNICIANS	50	30	20	
NUCLEAR MEDICINE TECHNOLOGISTS	*	*	*	
RADIATION THERAPY TECHNOLOGISTS	*	*	*	
OTHER HEALTH TECHNOLS., TECHNS.	440	200	240	
SURGICAL TECHNICIANS	20	10	10	
EKG TECHNICIANS	10	*	*	
EEG TECHNICIANS	*	*	*	
PHARMACY HELPERS	20	10	10	
LICENSED PRACTICAL NURSES	330	140	190	
ALL OTHER MEDICAL & DENTAL TECHNS.	70	40	30	
TECHNICIANS, EX HEALTH OR SCIENCE	100	60	40	Employment opportunities overall less favorable than the total for all occupations. Funeral services will rise but most funeral homes will be able to meet the demand without expanding their employment. Most openings for pilots will be outside the airlines as businesses are expected to operate an increasing number of planes and employ more pilots to fly executives and cargo to locations that the scheduled airlines do not service.
AIRPLANE PILOTS	20	10	10	
AIR TRAFFIC CONTROLLERS	10	*	*	
EMBALMERS	30	10	20	
EMBALMERS	20	*	20	
LADIES ATTENDANTS	*	*	*	
RADIO OPERATORS	*	*	*	
TOOL PROGRAMERS, NUMERICAL CONT	10	*	*	
OTHER TECHNS., EX HEALTH OR SCIENCE	50	40	10	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA
1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
COMPUTER SPECIALISTS	80	60	20	Employment opportunities about the same as the total for all occupations. Computer usages will exnand, particularly in firms providing sophisticated accounting and business management services and organizations involved in scientific research and development.
COMPUTER PROGRAMERS	50	30	20	
COMPUTER SYSTEMS ANALYSTS	40	30	10	
SOCIAL SCIENTISTS	30	20	10	Employment for urban planners is expected to grow faster than average depending on the availability of money from Federal sources for State and local community development, urban restoration and land use planning programs. Factors that help maintain a strong demand for psychologists are: increased public concern for the development of human resources; growing awareness of the need for testing and counseling children; and Federal legislation emphasizing good health rather than treatment of illnesses.
ECONOMISTS	*	*	*	
ECONOMISTS	*	*	*	
MEDIA ANALYSTS	0	0	0	
PSYCHOLOGISTS	10	10	*	
SOCIOLOGISTS	*	*	*	
URBAN & REGIONAL PLANNERS	20	10	10	
OTHER SOCIAL SCIENTISTS	*	*	*	
TEACHERS	3,010	1,250	1,760	Employment for teachers is expected to grow at a slower rate than the average for all employment. The National Center for Education Statistics projects that enrollment in secondary schools will decline and in turn, reduce the demand for teachers. Because of fewer births in the early 60's elementary enrollments have been on the decline since the late 60's. College and university teaching candidates are expected to face keen competition for those jobs resulting from growth and separations from the profession. The number of PH.D's alone is likely to exceed the expected number of openings.
ADULT EDUCATION TEACHERS	100	50	50	
COLLEGE & UNIVERSITY TEACHERS	410	200	210	
TEACHERS, COLLEGE	310	150	160	
GRADUATE ASSISTANTS	90	50	40	
EXTENSION SERVICE SPECIALISTS	*	*	*	
ELEMENTARY SCHOOL TEACHERS	1,320	500	820	
PRESCHOOL, KINDEGTN TEACHERS	230	90	140	
SECONDARY SCHOOL TEACHERS	780	350	430	
TEACHERS, NEC	180	60	120	
DANCE INSTRUCTORS	20	10	10	
ALL OTHER TEACHERS	160	50	110	
WRITERS, ARTISTS, & ENTERTAINERS	310	170	140	Employment opportunities less than the total for all occupations. Outlook expected to be favorable for journalism graduates although strong competition could occur. Openings for musicians and composers should be good as rising incomes and leisure time increase demand for entertainment. Photographers is expected to grow faster than the average for all occupations.
ATHLETES & KINDRED WORKERS	20	20	*	
SPORTS INSTRUCTORS	20	20	*	
ATHLETIC TRAINERS	0	0	0	
DESIGNERS	50	30	20	
DESIGNERS	50	30	20	
EDITORS & REPORTERS	70	40	30	
WRITERS &/OR EDITORS	40	20	20	
FILM EDITORS	*	*	*	
REPORTERS & CORRESPONDENTS	30	20	10	
MUSICIANS	80	30	50	
MUSICIANS, INSTRUMENTAL	80	30	50	
SINGERS	0	0	0	
PHOTOGRAPHERS	20	10	10	
PHOTOGRAPHERS	20	10	10	
TELEVISION CAMERA OPERATORS	*	*	*	
PUBLIC RELATIONS SPECIALISTS	30	20	10	
RADIO, TV ANNOUNCERS	40	30	10	
ANNOUNCERS	40	30	10	
BROADCAST NEWS ANALYSTS	*	*	*	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA 1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENINGS 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
OTHER PROFESSIONAL & TECHNICAL WORKERS	2,290	1,100	1,190	Employment outlook for accountants will be greater than the average for total all occupations as managers rely more on accounting information to make business decisions. Purchasing agents and buyers are expected to grow faster than the average for all occupations. Opportunities will be excellent for persons with a masters degree in business administration. The outlook for lawyers is expected to far exceed the total for all occupations. A rapid increase in the number of law school graduates has created keen competition for the available jobs. The employment outlook for librarians is expected to be slightly less optimistic than the total all occupation, however, there will be a demand for librarians to replace those workers who separate from the occupation for various reasons. Personnel and labor relations specialists workers is expected to grow about as fast as the average for all occupations as employers become increasingly aware of the benefits to be derived from good labor management relations, continue to support employee relations programs. Social workers growth is expected to be less than the average for all occupations. For every one hundred social workers needed due to growth 138 will be needed to replace those workers who separate from the occupation.
ACCOUNTANTS	320	170	150	
ACCOUNTANTS & AUDITORS	270	150	120	
TAX EXAMINERS, COLLECTORS, REV AGTS.	20	10	10	
TAX PREPARERS	30	20	10	
ARCHITECTS	20	10	10	
ARCHIVISTS & CURATORS	0	0	0	
MUSEUM CURATORS	0	0	0	
BUYERS & PURCHASING AGENTS	300	140	160	
PURCHASING AGTS &/OR BUYERS	90	50	40	
MEDIA BUYERS	*	*	*	
BUYERS, RETAIL &/OR WHOLSL TRADE	200	90	110	
CLERGY	170	40	130	
DIRECTORS, RELIGIOUS ACTIVITIES &/OR EDUCATION	30	10	20	
FORESTERS	20	10	10	
JUDGES	40	10	30	
JUDGES	10	*	10	
MAGISTRATES	30	10	20	
LAWYERS & KINDRED WORKERS	130	70	60	
LAW CLERKS	20	10	10	
LAWYERS	100	60	40	
PARALEGAL PERSONNEL	10	10	*	
LIBRARIANS	300	110	190	
LIBRARIANS	270	100	170	
AUDIO VISUAL SPECIALISTS	30	10	20	
PERSONNEL, LABOR REL. SPECIALISTS	120	70	50	
PERSONNEL, LABOR REL. SPECIALISTS	70	40	30	
EMPLOYMENT INTERVIEWERS	50	30	20	
RECREATION WORKERS	70	50	20	
SOCIAL WORKERS	190	80	110	
CASEWORKERS	190	80	110	
COMMUNITY ORGANIZATION WORKERS	*	*	*	
VOCATIONAL, EDUC. COUNSELORS	90	40	50	
ALL OTHER PROFESSIONAL WORKERS	510	300	210	
TECHNICAL DIRECTORS	*	*	0	
SAFETY INSPECTORS	10	*	*	
UNDERWRITERS	20	10	10	
APPRAISERS	*	*	*	
COST ESTIMATORS	70	40	30	
CREDIT ANALYSTS, CHIEF	*	*	*	
CREDIT ANALYSTS	20	10	10	
TITLE EXAMINERS &/OR ABSTRACTORS	*	*	*	
ESTIMATORS, PRINTING SERVICES	0	0	0	
INVESTIGATORS, INSURANCE	0	0	0	
APPRAISERS, REAL ESTATE	20	10	10	
ASSESSORS	10	*	10	
CLAIMS TAKERS, UNEMP. BENEFITS	*	*	*	
BROKER'S FL. REPS., SEC. TRADRS. ETC.	0	0	0	
SPECIAL AGENTS, INSURANCE	*	*	*	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA 1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
TRAVEL AGTS, TR. ACCOM. APPRAISERS	10	10	*	
CLAIM EXAMINERS, PRPTY/ CSLTY INSURANCE	*	*	*	
ALL OTHER PROFESSIONAL	350	220	130	
MANAGERS, OFFICIALS, PROPRIETORS	5,750	2,670	3,080	The demand for retail trade sales managers is expected to be great as the population increases and moves into the suburbs and suburban shopping centers develop, however the growth for retail sales managers will be less than that for the total for all occupations. Employment of administrators and public inspectors is expected to grow slightly slower than the average for all occupations. Job opportunities for construction inspectors best for applicants who have some college education because of the increasing complexity of construction technology and the trend toward the establishment of minimum professional standards. Demand for other public inspectors such as health and regulatory inspectors, and occupational safety inspectors should continue to increase because of such underlying factors as public concern for improved quality and safety of consumer products, and the growing concern for occupational safety and health and consumer safety. Employment of other managers, officers, & proprietors, and demonstrators is expected to grow faster than the average for all occupations.
SALES MANAGERS	140	70	70	
SALES MANAGERS	140	70	70	
ADMINISTRATORS, PUB INSPECTORS	80	30	50	
CONSTRUCTION INSPECTORS, PUB. AD.	30	10	20	
INSPECTORS, EX CONST, PUB ADM.	20	10	10	
POSTMASTERS & MAIL SUPERINTS.	20	10	10	
OTHER MANAGERS, OFFICIALS, PROPS.	5,530	2,570	2,960	
RAILROAD CONDUCTORS	10	*	10	
OTHER MGRS., ADMINISTRATORS	5,520	2,570	2,950	
MANAGERS, STORE	800	370	430	
MANAGERS, AUTO SERVICE DEPT.	40	20	20	
MANAGERS, AUTO PARTS DEPT.	30	10	20	
WHOLESALERS	120	50	70	
ALL OTHER MANAGERS	4,540	2,130	2,410	
SALES WORKERS	3,870	1,750	2,120	Employment outlook for insurance agents and brokers is expected to grow at a slower rate than the average for all occupations. The volume of insurance sales will continue to soar but the employment of agents and brokers will not keep pace with the rising level of insurance sales because more policies will be sold to groups and by mail. Employment growth expected to be much greater than the average for all occupations. The favorable outlook will stem primarily from increased demand for home purchases and rental units. Employment growth for other sales workers is expected to be greater than the average for all occupations. Prospects are expected to be good because sales is a large occupation and turnover is high. Most openings will occur as experienced full and part time workers leave their jobs.
DEMONSTRATORS	160	80	80	
INSURANCE AGENTS, BROKERS	280	100	180	
SALES AGENTS, SALES REPS, INSURANCE	280	100	180	
REAL ESTATE AGENTS, BROKERS	80	30	50	
REAL ESTATE BROKERS	20	10	10	
SALES AGENTS, SALES REPS, REAL ESTATE	70	30	40	
STOCK & BOND SALES AGENTS	10	0	10	
SALES AGENTS, SALES REPS, SECURITY	10	0	10	
OTHER SALES WORKERS	3,350	1,530	1,820	
SALES CLERKS	2,090	990	1,100	
VENDORS	*	*	*	
CONTRIBUTING SOLICITORS	0	0	0	
CRATING & MOVING ESTIMATORS	*	*	*	
ALL OTHER SALES WORKERS	1,250	530	720	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA
1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
CLERICAL WORKERS	11,220	5,670	5,550	Employment growth expected to be faster than the average for all occupations. Demand will be higher for those applicants who are familiar with a wide range of office machines and procedures. Extensive opportunities available for temporary or part time work for highly skilled applicants. The prospects for office machine operators is greater than the average for all occupations. Because of the expansion of computerized record keeping and processing systems, the demand for computer operators is expected to be strong. Employment opportunities is expected to be greater than the average for all occupations. Bank tellers are expected to grow faster than the average for all occupations as banks expand services. Because the occupation is large and turnover is high many cashiers will be needed because of separation from the occupation, as well as, from growth. Employment opportunities for collectors should be best in collection agencies, where replacement needs continue to be high and in retail trade firms. Employment opportunities for file clerks is expected to be good as business expansion creates a need for more and better record keeping. In addition a large number of file clerks will be needed each year to replace those workers who separate from the occupation. Employment of claims adjusters is expected to grow nearly as fast as the average for all occupations as the number of insurance claims continues to increase. The outlook for receptionists is good. This is largely because so many receptionists work for firms providing business, personal, and professional services, and more and more firms recognize the importance of the receptionist in promoting good public relations. Employment for shipping and receiving clerks is expected to grow more slowly than the average for all occupations. Several hundred jobs will become available each year as employment grows and as workers separate from the occupation
STENOS, TYPISTS, SECRETARIES	2,630	1,150	1,480	
SECRETARIES	1,930	810	1,120	
STENOGRAPHERS	220	110	110	
TYPISTS	490	240	250	
OFFICE MACHINE OPERATORS	440	240	200	
BOOKKEEPING, BILLING OPERS.	230	120	110	
BOOKKEEPING/BILLING MACH. OPS.	160	80	80	
PROOF MACHINE OPERATORS	60	40	20	
TRANSIT CLERK	*	*	*	
COMPUTER, PERIPHERAL EQUIP. OPERATORS	50	40	10	
COMPUTER OPERATORS	40	30	10	
PERIPHERAL EDP EQPT. OPER.	10	10	*	
DUPLICATING MACHINE OPERATOR	*	*	*	
KEYPUNCH OPERATORS	120	60	60	
TABULATING MACHINE OPERATORS	10	*	*	
ALL OTHER OFFICE MACHINE OPERS.	20	10	10	
OTHER CLERICAL WORKERS	8,160	4,290	3,870	
BANK TELLERS	390	250	140	
NEW ACCOUNT TELLERS	50	30	20	
TELLERS	340	220	120	
BOOKKEEPERS	960	480	480	
ACCOUNTING CLERKS	310	150	160	
BOOKKEEPING, HAND	650	330	320	
CASHIERS	1,250	700	550	
CLERICAL SUPERVISORS	160	100	60	
COLLECTORS, BILL & ACCOUNT	100	50	50	
COUNTER CLERKS, EX FOOD	330	180	150	
CAR RENTAL CLERKS	10	10	*	
DESK CLERKS	170	110	60	
ORDER CLERKS	140	60	80	
CIRCULATION CLERKS	10	*	*	
CLASSIFIED AD CLERKS, NEWSPAPER	*	*	*	
TELEPHONE AD TAKERS, NEWSPAPER	*	*	*	
DESK CLERKS, BOWLING FLOOR	10	*	*	
COUNTER CLERKS, TELEGRAPH OFFICE	0	0	0	
DISPATCHER, STARTERS, VEHICLE	10	10	*	
DISPATCHERS, AIRPLANE	0	0	0	
DISPATCHERS, POLICE, FIRE, AMBULANCE	10	10	*	
ESTIMATORS, INVESTIGATORS, NEC	60	30	30	
ADJUSTMENT CLERKS	20	10	10	
CHECKING CLERKS	*	*	*	
CLAIMS CLERKS	20	10	10	
CREDIT REPORTERS	10	10	*	
LOAN CLOSERS, NEW CONSTRUCTION	10	*	*	
CUSTOMER SERV REPS, PRINT & PUBLISHING	*	*	*	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA 1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENINGS 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
BOX ESTIMATORS	*	*	*	for various reasons. Employment for stock clerks is expected to grow faster than the average for all occupations, however, growth will be slowed somewhat as computers are used increasingly for inventory control. Employment for telephone operators is expected to grow faster than the average for all occupations. Employment for all other clerical workers is expected to grow faster than the average for all occupations. More than two thousand workers will be needed each year, nearly one-half will be due to growth while the remainder will be to replace those workers who separate from the occupations for various reasons.
PRODUCTION CLERKS	140	90	50	
FILE CLERKS	190	90	100	
FILE CLERKS	110	60	50	
PERSONNEL CLERKS	70	30	40	
ADMISSION EVALUATORS	*	*	*	
CLAIM ADJUSTERS	*	*	*	
CLAIM EXAMINERS, INSURANCE	*	*	*	
CLAIM ADJUSTERS	*	*	*	
LIBRARY ASSISTANTS	100	40	60	
MAIL CARRIERS, POSTAL SERVICE	170	60	110	
MAIL HANDLER, EX POSTAL SERVICE	0	0	0	
MESSENGERS & OFFICE HELPERS	20	10	10	
MESSENGERS, BANK	*	*	*	
MESSENGERS	10	10	*	
METER READERS, UTILITIES	40	30	10	
PAYROLL, TIME KEEPING CLKS.	130	60	70	
POSTAL CLERKS	50	20	30	
PROOFREADERS	10	10	*	
RECEPTIONISTS	430	200	230	
RECEPTIONISTS	280	130	150	
SWITCHBD OPS/RECPTIONISTS	150	70	80	
TRAVEL COUNSELORS, AUTO CLB.	*	*	*	
SHIPPING, RECEIVING CLERKS	370	240	130	
SHIPPING RECEIVING CLERKS	200	130	70	
SHIPPING PACKERS	170	110	60	
MANIFEST CLERKS	0	0	0	
STATISTICAL CLERKS	40	20	20	
ACTUARIAL CLERKS	*	0	*	
BROKERAGE CLERKS	0	0	0	
RATERS	30	20	10	
WORKSHEET CLERKS	*	*	0	
METER READER, TAXI	*	0	*	
TALLY CLERKS, SAW MILL	*	*	*	
COURT CLERKS	10	*	*	
INSURANCE CHECKERS	*	*	*	
STOCK CLERKS, STORE KEEPERS	510	300	210	
PROCUREMENT CLERKS	20	10	10	
STOCK CLERKS, STOCKRM, WAREHS, ETC.	480	280	200	
YARD CLERKS	*	0	*	
TELEGRAPH OPERATORS	*	*	*	
TELEPHONE OPERATORS	270	140	130	
SWITCHBOARD OPERATORS	100	50	50	
CENTRAL OFFICE OPERATORS	150	80	70	
DIRECTORY ASSISTANCE OPERS.	20	10	10	
PRIVATE BRANCH SERVICE ADVISORS	*	*	*	
SERVICE OBSERVERS	*	*	*	
TICKET STATION, EXPRESS AGTS.	20	10	10	
STATION AGENTS	*	*	*	
TRANSPORTATION AGENTS	10	*	10	
WEIGHERS	20	10	10	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA
1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENINGS 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
CRAFTS & KINDRED WORKERS	8,530	5,390	3,140	Employment expected to grow faster Than the average for all occupations. Since construction activity is sensitive to changes in the State's economy the number of openings may fluctuate sharply from year to year. Job opportunities for carpenters are expected to be plentiful because of the occupation. As population and business growth create a need for new homes, factories, offices, and other structures, the demand for brickmasons and stonemasons will grow. The greater use of concrete as a building material will enhance the demand for cement and concrete finishers. For every ten electricians who leave the occupation for various reasons, twenty-six will be needed as a result of growth. Employment for excavating and grading machine operators is expected to grow faster than the total for all occupations. Population and business growth will create a rising demand for new houses and buildings and more painters will be needed to paint these structures. Plumbing will become more important in many types of construction simply because a larger portion of homes will have air conditioning equipment, solar heating devices and appliances such as kitchen waste disposal systems. New construction and repairs on existing roofs will provide a significant amount of job opportunities for roofers. Employment of blue-collar worker supervisor is expected to grow slightly slower than the average for all occupations. Many job openings will arise as experienced supervisors retire, die, or transfer to other occupations. Employment of boilermakers is expected to grow faster than the average for all occupations. The construction of new electric power plants, the expansion of other industries that use boiler products, such as the chemical and petroleum industries will create a need for additional boilers and will cause employment to increase. Expansion in metalworking industries will result in
CONSTRUCTION CRAFTS WKRS.	2,360	1,550	810	
CARPENTERS	710	410	300	
BRICKMASONS & STONEMASONS	140	110	30	
BRICKLAYERS	140	110	30	
STONE MASONS	0	0	0	
REFRACTORY MATERIALS REPAIRERS	*	*	*	
BULLDOZER OPERATOR	20	10	10	
CEMENT & CONCRETE FINISHERS	70	50	20	
CEMENT MASON	70	50	20	
CONCRETE WALL GRINDER OPERS.	0	0	0	
CONCRETE RUBBERS	0	0	0	
CONCRETE STONE FINISHERS	0	0	0	
TERRAZZO WORKERS	*	*	0	
ELECTRICIANS	360	260	100	
EXCAVATING, GRADING MACH. OPERS.	290	200	90	
CONCRETE MIXER OPERS.	*	*	*	
DREDGE OPERATORS	*	*	*	
FINE-GRADERS	0	0	0	
FORM TAMPER OPERATORS, ETC.	*	*	0	
HEAVY EQPT. OPERATORS	270	190	80	
BATCH PLANT OPERATORS	*	*	*	
BALLAST CLEAN MACH. OPERS.	*	*	*	
PAINTERS, CONSTRUCTION, MAINT.	270	160	110	
PAPERHANGERS	*	*	*	
PLASTERERS	10	*	10	
PLUMBERS & PIPEFITTERS	330	220	110	
FITTERS, PIPELAYING	0	0	0	
PLUMBERS &/OR PIPEFITTERS	330	220	110	
ROOFERS	50	40	10	
STRUCTURAL STEEL WORKERS	80	70	10	
TILE SETTERS	20	10	10	
TILE SETTERS	20	10	10	
CEILING TILE INSTLRS. FLR LA	*	*	*	
BLUE COLLAR WKRS. SUPERVISOR	1,030	590	440	
SUPERVISORS, NONWORKING	1,030	590	440	
METALWKG CRAFTS WKRS, EX MECH	770	560	210	
BLACKSMITHS	*	*	*	
BOILERMAKERS	30	20	10	
HEAT TREATERS, ANNEALERS, ETC	30	20	10	
FORGE & HAMMER OPERATORS	*	*	0	
FORGING PRESS OPERATORS	0	0	0	
HAMMERSMITHS, OPEN DIE	*	*	0	
JOB & DIE SETTERS, METAL	90	70	20	
MACHINE TOOL SETTERS, METALWRK	70	50	20	
PUNCH PRESS SETTERS, METAL	20	10	*	
SETTERS, PLASTIC MOLDING MACH	10	10	*	
MACHINISTS	200	130	70	
LAYOUT MARKERS, METAL	30	20	10	
MACHINISTS	170	110	60	
MILLWRIGHTS	120	80	40	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA
1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
MOLDERS, METAL	10	10	*	a continued need for job and die setters, however, the growth of this occupation may be limited by the use of electrical discharge machines and numerically controlled machines. As population and income rise, growth in the demand for machined goods such as household appliances and industrial products, will cause a significant demand for machines. Employment of millwrights is expected to grow faster than the average for all occupations as new plants are built, as existing plant layouts are improved, and as increasingly complex machinery is installed and maintained.
MOLDERS, BENCH &/OR FLR.	*	*	*	
MOLDERS, MACHINE (METAL)	10	*	*	
PATTERN & MODEL MAKERS	0	0	0	
MODEL & MOLD MAKERS, PLASTER	0	0	0	
MODEL MAKERS, POTTERY	0	0	0	
ROLLERS & FINISHERS, METAL	*	*	*	
FINISHERS, CARD TENDER	0	0	0	
GUIDE SETTERS	*	*	0	
MANIPULATORS, ROLLING	*	*	0	
ROUGHERS	0	0	0	
SPEED OPERATORS	*	*	0	
SHEET METAL WORKERS, TINSMITHS	220	170	50	
TOOLMAKERS & DIEMAKERS	60	50	10	
MECHS., REPAIRERS, INSTALLERS	1,700	910	790	Employment of air conditioning, heating and refrigeration mechanics is expected to grow faster than the average for all occupations. An increase in household formation and rising personal income should result in a rapid increase of centrally heated and air-conditioned homes. Additionally, as the population increases, more refrigeration equipment will be needed in the production, storage and marketing of food and other perishables. As the number of motor vehicles increases and the number of traffic accidents increases, the demand for auto body repairers is expected to be great. Reasons underlying the expected growth of automobile mechanics are expansion of the driving age population and consumer purchasing power, and because a greater number of automobiles will be equipped with pollution control and safety devices, air conditioning, and other features that increase maintenance requirements. Employment for heavy equipment mechanics is expected to grow more slowly than the average for all occupations. The number of household appliances in use is expected to increase very rapidly as a result of increases in population and income. Maintaining this large number of appliances will increase the need for household appliance installers, mechanics, and repairers. Numerous improvements in machines and production processes will continue to
AIR COND, HEATING, REFRIG MECHANICS	130	100	30	
REFRIG MECHANICS, A/C MECHS.	90	70	20	
FURNACE INSTALLERS & REPRS.	30	20	10	
OIL BURNER INSTLRS, SERVICE	10	*	*	
AIRCRAFT MECHANICS	20	10	10	
AUTO SEAT COVER, TOP INSTLRS.	10	*	10	
AUTO BODY REPAIRERS	70	50	20	
AUTO MECHANICS	450	280	170	
AUTOMOTIVE MECHANICS	450	280	170	
AUTO REPR. SERVICE ESTIMTRS.	*	*	*	
DATA PROCESSING MACH. MECHS.	*	*	0	
FARM EQPT MECHANICS	*	*	*	
HEAVY EQPT MECHS, INCL DIESEL	450	220	230	
ENGINEERING EQPT MECHANICS	60	40	20	
HYDROELECTRIC MACH. MECHS. ETC	10	10	*	
MINE MACHINERY MECHANICS	30	10	20	
MARINE MECHANICS/REPAIRERS	20	10	10	
MAINTENANCE MECHANICS	250	140	110	
POWER TRANSFORMER REPRS.	*	*	*	
KNITTING MACHINE FIXERS	30	20	10	
SECTION REPAIRERS & SETTERS	70	0	70	
HOUSEHOLD APPLIANCE MECHANICS	30	20	10	
ELECTRIC METER INSTALLRS ETC.	*	*	*	
GAS METER INSTALLERS	*	*	*	
HOUSEHOLD APPLIANCE INSTLRS.	10	*	*	
WATER METER INSTALLERS	0	0	0	
HOUSEHOLD APPLIANCE REPRS.	20	10	*	
LOOM FIXERS	140	0	140	
OFF MACH SERVICERS/CASH REG SERVICERS	30	20	10	
RADIO, TELEVISION REPAIRERS	30	20	10	
RADIO MECHANICS	*	*	*	
TV SERVICERS & REPRS. ETC.	30	20	10	
RAILROAD CAR SHOP REPAIRERS	10	*	*	

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OCCUPATION	ANNUAL AVERAGE OPENINGS 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
SIGNAL MAINTAINERS	*	*	*	reduce demand for loom fixers. Employment opportunities for qualified office machine servicers are good. Radio and television repairers is expected to grow more slowly than the average for all occupations. However, rising personal incomes will allow consumers to purchase more radios, television sets, phonographs and tape recorders which will continue the demand for these workers. Other mechanics and repairers overall will grow more slowly than the average for all occupations but occupations such as electric motor repairers, instrument repairers, and diesel mechanics will grow faster than the average for all occupations.
CAR REPAIRERS	*	*	*	
OTHER MECHANICS & REPRS.	320	170	150	
BICYCLE REPAIRERS	*	*	*	
CAMERA REPAIRERS	0	0	0	
ELECTRIC MOTOR REPAIRERS	20	10	10	
ELECTRIC TOOL REPAIRERS	0	0	0	
ELECTRICAL INSTRUMENT REPRS.	*	*	*	
GASOLINE ENGINE, MOWER REPRS.	0	0	0	
GUNSMITHS	*	*	*	
INSTRUMENT REPAIRERS, OPTICAL	0	0	0	
LOCKSMITHS	*	*	*	
COIN MACHINE SERVICERS, REPRS.	20	10	10	
SEWING MACHINE MECHANICS	20	*	*	
PROTECTIVE SIGNAL INST/REPRS.	10	10	0	
INSTRUMENT REPAIRERS	60	40	20	
DIESEL MECHANICS	50	30	20	
ELECTROMEDICAL EQPT REPAIRERS	*	*	*	
PINSETTER MECH., AUTOMATIC	*	*	*	
SIGN ERECTORS	*	*	*	
ALL OTHER MECHANICS & REPRS.	140	70	70	
PRINTING TRADE CRAFTS WORKERS	170	100	70	Employment of printing trade craft workers is expected to grow faster than the average for all occupations. Bookbinders is expected to grow faster than the average for all occupations in spite of the fact that growth will be limited by the increasing mechanization of bindery occupations. The fast growth rate of compositors and typesetters is not expected to continue because of the trend to high-speed phototypesetting and typesetting computers. Employment of lithographic workers is expected to increase in response to continued growth of offset printing. Photoengravers, on the other hand, is expected to decline as many firms switch from letterpress to offset printing. Despite the increased use of faster and more efficient presses, more press and plate printers will be needed because of the growth in the amount of printed material.
BOOKBINDERS	20	10	10	
BOOKBINDERS	*	*	*	
SETTERS, BINDERY MACHINE	*	*	*	
BINDERY WORKERS	20	10	10	
COMPOSITORS & TYPESETTERS	40	30	10	
COMPOSITORS &/OR TYPESETTERS	0	0	0	
HAND COMPOSITORS	*	*	*	
IMPOSERS & MAKEUP ARRANGERS	*	*	*	
LINECASTING MACHINE OPERATORS	*	*	*	
LINECASTING MACHINE TENDERS	0	0	0	
PHOTOTYPESETTING MACH MONITORS	*	*	*	
PHOTOTYPESETTER OPERATORS	*	*	0	
STRIKE-ON MACHINE OPERATORS	0	0	0	
LINECASTING MACH KEYBD OPERS.	10	*	*	
MONOTYPE KEYBD OPERATORS	0	0	0	
PASTEUP MEN/WOMEN	10	*	*	
PHOTOTYPESETTING MACH KEYBD OPERATORS	*	*	*	
ELECTROTYPERS, STEROTYPERS	*	*	*	
ELCECTROTYPERS	0	0	0	
STEREOTYPERS	*	*	*	
ENGRAVERS, EX PHOTOENGRAVERS	*	*	*	
ETCHERS &/OR ENGRAVERS	*	*	*	
PHOTOENGRAVERS, LITHOGRAPHERS	30	20	10	
STRIPPERS	*	*	*	
CAMERA OPERATORS, PRINTING	10	*	*	
PHOTOENGRAVERS	10	0	0	
PRESS & PLATE PRINTERS	70	50	20	
PRESS OPERATORS, PLATE PRINTERS	20	10	10	
OFFSET LITHOGRAPHIC PRESS OPERATORS	30	20	10	
PLATEMAKERS	*	*	*	
FLEXOGRAPHIC PRESS OPERATORS	*	*	0	
GRAVURE PRESS OPERATORS	*	*	0	
LETTER PRESS OPERATORS	20	10	10	
LETTERSET PRESS OPERATORS	*	*	0	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA
1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
TRANSP, PUB UTIL CRAFT WKRS.	370	300	70	Employment of transportation and public utility craft workers is expected to grow faster than the average for all occupations. Because of the need to construct and maintain transmission and distribution lines, the demand for linemen will be substantial. A rising population and increased personal income should cause employment of telephone repairers and installers to increase.
ELEC POWER LINE INST, RPRS.	170	140	30	
LINE INSTALLERS, REPAIRERS	160	30	30	
TROUBLE SHOOTERS, POWER LINE	*	*	*	
LOCOMOTIVE ENGINEERS	20	0	20	
HOSTLERS	*	0	*	
LOCOMOTIVE ENGINEERS	20	0	20	
POWER STATION OPERATORS	10	*	10	
SWITCHBD OPRS, GENERATING PLANT	*	*	*	
DISPATCHERS, LOAD	10	*	*	
TELEPHONE INSTALLERS, REPAIRERS	170	150	20	
INSTALLERS, REPAIRERS, SEC MAINTS.	*	*	*	
INSTALLERS, REPAIRERS TELE.	0	0	0	
STATION INSTALLERS	60	50	10	
TELEGRAPH EQUPT. MAINTNRS.	*	*	0	
AUTOMATIC MAINTAINERS	0	0	0	
CABLE REPAIRERS	10	10	*	
CABLE INSTALLERS	*	*	0	
FRAME WIRERS	10	*	*	
CENTRAL OFFICE REPAIRERS	30	30	*	
TROUBLE LOCATORS, TEST DESK	20	20	*	
TELEGRAPH PLANT MAINTAINERS	*	*	0	
SHOP REPAIRERS, INSTRUMENT	*	*	0	
TELETYPE INSTALLERS	30	20	10	
OTHER CRAFTS, KINDRED WORKERS	2,120	1,370	750	Employment of other craft and kindred workers is expected to be favorable over the next few years. Population increases will increase the demand for baked goods, however, labor saving technological innovations will reduce the demand for bakers. Employment of carpet cutters and layers is expected to increase because of the expected expansion in construction and the more widespread use of carpeting. Dental laboratory technician is expected to grow rapidly because of the expansion of dental prepayment plans and the increasing number of people who require dentures. Employment opportunities will be particularly favorable for opticians since the demand for eyeglasses is increasing. State programs to provide eye care for low-income families, union health insurance plans, and medicare will stimulate growth. Also, the growing variety of frame styles and colors may encourage individuals to buy more than one pair of glasses. Industrial growth will result in an increased use of large boilers and auxiliary equipment in factories, powerplants, and other buildings, thus creating the need for more stationary engineers. The demand for general maintenance repairers will
BAKERS	40	20	20	
BAKERS	40	20	20	
BENCH HANDS	0	0	0	
CABINETMAKERS	40	20	20	
CARPET CUTTERS, CARPET LAYERS	10	10	*	
CRANE, DERRICK, HOIST OCCUPS.	80	60	20	
CRANE, DERRICK, HOIST OCCUPS.	70	50	20	
LOADER ENGINEERS	10	*	*	
YARDER ENGINEERS	*	*	*	
MERCHAN DISPLAYERS & WINDOW TRIMMERS	10	*	*	
DENTAL LAB TECHNICIAN	40	30	10	
FURNITURE FINISHERS	10	*	*	
GLAZIERS	20	10	10	
GLASS INSTALLERS	*	*	*	
GLAZIERS	20	10	10	
INSPECTORS, LOG & NUMBER	20	10	10	
LOG INSPECTORS, GRADERS, SCALERS	*	*	*	
LUMBER GRADERS	*	*	*	
VENEER GRADERS	*	*	*	
OTHER INSPECTION OCCUPATIONS	700	440	260	
INSPECTORS	530	320	210	
TESTERS	170	120	50	
JEWELERS & WATCHMAKERS	20	10	10	
JEWELERS &/OR SILVERSMITHS	10	*	*	
WATCHMAKERS	10	*	*	
MILLERS, GRAIN, FLOUR, FEED	*	*	*	
MILLERS	*	*	*	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA 1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
MOTION PICTURE PROJECTIONISTS	10	*	*	increase as a result of the growth in population resulting in more homes, office buildings, and factories that need maintenance and repair.
OPTICIANS, LENS GRINDERS, POLISHERS	200	160	40	
LENS GRINDERS	180	150	30	
OPTICIANS, DISP &/OR OPTIC MECHANICS	20	10	10	
SHIPFITTERS	10	*	*	
SHOE REPAIRERS	10	*	10	
SHOE REPAIRERS	10	*	10	
STATIONARY ENGINEERS	80	50	30	
CONTROL ROOM OPERATORS, STEAM	20	10	10	
STATIONARY ENGINEERS	30	10	20	
WATER TREATMENT PLANT OPERS.	30	20	10	
TAILORS	50	20	30	
ALTERATION TAILORS	40	20	20	
SAMPLE MAKERS	10	*	*	
UPHOLSTERERS	40	20	20	
FURNITURE UPHOLSTERERS	10	*	*	
UPHOLSTERY TRIMMERS	*	*	*	
UPHOLSTERERS	20	10	10	
UPHOLSTERY CUTTERS	*	*	*	
CRAFTS & KINDRED WORKERS, NEC	730	490	240	
INSTRUCTORS, APPAREL & TEXT MACHINE	20	*	20	
MACHINE SETTERS, PAPER GOODS	10	10	*	
MAINTENANCE REPAIRERS, GEN. UTILITIES	410	280	130	
ALL OTHER SKILLED CRAFTS WORKERS	290	200	90	
OPERATIVES	12,120	6,220	5,900	Employment of semiskilled metalworking operatives is expected to grow faster than the average for all occupations. The expected demand for drill press operatives will be as a result of expansion in industries that use drill presses such as energy related industries Growth in population and business activity is expected to stimulate the construction of new and renovation of old buildings resulting in the need for more lathers. More machine tool operators will be needed as metalworking industries expand their output.
OPERATIVES, EX TRANSPORTATION	8,470	4,130	4,340	
SEMISKILLED METALWORKING OPERS.	990	770	220	
DRILL PRESS OPERATIVES	100	70	30	
DRILL PRESS/BORING MACHINE OPERATORS	100	70	30	
FURNACE TNDRS, SMELTERS, POURERS	10	10	*	
GRINDING/ABRADING MACH OPRS. METAL	90	70	20	
HEATERS, METAL	*	*	0	
LATHE, MILLING MACH OPERATIVES	160	130	30	
VENEER LATHE OPERATORS	*	*	*	
LATHE OPERATORS, WOOD	*	*	*	
LATHE/TURN MACH OPERS., METAL	100	80	20	
MILLING/PLANTING MACH. OPERS.	50	40	10	
SHAPER &/OR ROUTER OPERATORS	*	*	*	
METAL PLATERS	20	10	10	
ELECTROPLATERS	10	10	*	
DIP PLATERS, NONELECTROLYTIC	*	*	*	
OTHER PRECISION MACH OPERS.	150	120	30	
BORING MACHINE OPERATORS WOOD	*	*	*	
MACHINE TOOL OPERATORS, COMBO	90	70	20	
MACH. TOOL OPERS., NUM CONTRL.	20	20	*	
WOOD MACHINISTS	20	10	10	
MACH. TOOL OPERS., TOOL RM.	10	10	*	

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ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA
1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO GROWTH	OCCUPATIONAL OUTLOOK
PUNCH, STAMPING PRESS OPRS.	120	100	20	Employment of semiskilled textile operatives is expected to grow more slowly than the average for all occupations. More than five times as many workers will be needed to replace workers who leave the occupation than as a result of growth. Labor-saving machinery and the use of synthetic fibers increase worker productivity. Numerous improvements in machines and production processes will continue to reduce demand for workers in yarn manufacturing and weaving.
PUNCH PRESS OPERS. METAL	100	80	20	
POWER BRAKE, BENDING MACH OPERATORS, METAL	20	20	*	
WELDERS & FLAMECUTTERS	350	270	80	
SEMISKILLED TEXTILE OPERATORS	1,870	290	1,580	
CARDING, LAPPING, COMBING OPRS.	180	*	180	
CARD GRINDERS	10	0	10	
CARD TNDRS, COMBER TNDRS, ETC	70	*	70	
DRAWING-IN MACHINE TENDERS	10	*	10	
PICKER TENDERS	20	*	20	
SLUBBER TENDERS	40	0	40	
DRAWER-IN, HAND	10	0	10	
KNITTERS, LOOPERS & TOPPERS	120	60	60	
KNITTERS, FULL FASHND GARMENTS	*	*	*	
KNITTING MACHINE OPERATORS	100	50	50	
LOOPERS, HOSIERY	10	*	10	
WARP KNITTING MACH. OPERATORS	*	*	*	
SPINNERS, TWISTERS & WINDERS	980	150	830	
BEAM WARPER TNDRS &/OR BEAMERS	50	*	40	
BOBBIN WINDERS, MACH/SEWING MACH	*	*	*	
CLOTH OR CARPET WINDERS	10	*	10	
CREELERS, YARN	120	40	80	
DOFFERS	200	20	180	
DRESSER TENDERS	*	*	*	
LOOM WINDER TENDERS	10	*	10	
QUILLING MACHINE OPERATORS	20	0	20	
SPEEDER TENDERS	20	0	20	
SPINNERS, FRAME	210	0	210	
THREADERS, KNIT GOODS	*	*	*	
WARP TYING MACHINE TENDERS	30	0	30	
WINDER OPERATORS, AUTOMATIC	90	30	60	
YARN WINDERS	140	50	90	
SPOOLER OPERATORS, AUTOMATIC	60	0	60	
ROPE LAYING MACHINE OPERATORS	*	*	*	
WEAVERS	320	*	320	
NEEDLE-FELT-MAKING MACH. OPERATORS, ETC.	*	*	*	
SMASH HANDS	20	0	20	
WEAVERS	290	0	290	
OTHER TEXTILE OPERATIVES	270	80	190	
BLEACH-RANGE OPRS., KNIT GDS. BLEACHERS	10	*	*	
BOARDING MACH. OPERS., HOSIERY	*	*	*	
BURLERS	*	*	*	
CLOTH FEEDERS &/OR BACK TNDRS.	30	10	20	
CLOTH FINISHING RANGE TENDERS	30	10	20	
CLOTH FINISHING RANGE OP, CHIEF	30	10	20	
CLOTH SHRINKING MACH OPERS.	10	*	*	
DRY CANS OPERATORS, CLOTH	10	*	*	
HARNESS BUILDERS, LOOM CHNGRS. ETC.	10	0	10	
HARNESS PLACERS	10	0	10	
MERCERIZER OPERS. & MANGLE TENDERS	10	*	*	
NAPPER TENDERS	*	*	*	
OPENER TENDERS/WASTE MACH TNDRS	20	0	20	
SCREEN PRINTING MACHINE OPERS.	10	*	*	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA 1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENINGS 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
SLASHER TENDERS	20	0	20	
TENTER FRAME OPERATORS	20	10	10	
FOLDERS, HAND	30	10	20	
SEMISKILLED PACKING, INSPECTING OPERATORS	720	430	290	Employment of semiskilled packing and inspecting operatives is expected to grow faster than the average for all occupations. Most of the anticipated growth will be due to expansion in the industries.
CHECKERS, EXAMINERS, ETC. MFG.	*	*	*	
GRADERS & SORTERS, MFG.	*	*	*	
PACKERS, WRAPPERS, EX MEAT, PROD.	720	430	290	
PRODUCTION PACKAGERS	390	220	170	
BUNDLERS	20	*	20	
BAGGERS	300	200	100	
WRAPPING MACH. OPERATORS	*	*	*	
OTHER OPERATIVES, EX TRANS	4,900	2,640	2,260	Employment of other operatives, except transportation, is expected to grow faster than the average for all occupations. Many insulation workers will be needed to install energy-saving insulation in new homes and businesses, and insulation of boilers and pipes in new factories and power plants. Assemblers will be needed in manufacturing plants to produce goods for the economy. Surveyor helpers will be needed to help lay out streets, shopping centers, housing developments and recreation areas as urban areas develop.
ASBESTOS & INSULATION WKRS.	90	70	20	
ASSEMBLERS	1,100	810	290	
ASSEMBLERS, HAND	1,090	800	290	
PLASTIC TOP INSTALLERS	*	*	*	
WIRERS, ELECTRONIC	*	*	*	
COIL FINISHERS	*	*	*	
BLASTERS	*	0	*	
SURVEYOR HELPERS	40	30	10	
CLOTHING IRONERS & PRESSERS	110	50	60	
PRESSERS, HAND	10	*	*	
PRESSERS, MACHINE	40	20	20	
PRESSERS, MACHINE, LAUNDRY	50	20	30	
SHAPERS & PRESSERS	*	*	*	
CUTTING OPERATIVES, NEC	50	30	20	
BIAS MACHINE OPERATORS	*	*	*	
AUTOMATIC CLIPPERS, VENEER	*	*	*	
PATTERN CUTTERS	*	*	*	
RUBBER GOODS CUTTER-FINISHER OPERATORS	10	10	0	
STAPLE CUTTERS	10	*	*	
TENONER OPERATORS	*	*	*	
VENEER JOINTER OPERATORS	*	*	*	
DRESSMAKERS, EXC FACTORY	10	*	10	
DRILLERS, EARTH	*	*	*	
DRY WALL INSTALLERS, LATHERS	30	30	*	
DRY WALL APPLICATORS	10	10	*	
LATHERS	*	*	*	
TAPERS	10	10	0	
DYERS	60	30	30	The demand for skilled dyers will become more essential as textile machinery increases in complexity.
AGER OPERATORS	*	*	*	
BEAM DYER OPERS., PKG DYE MACHINE OPERATORS	10	*	*	
DYE RANGE OPERS/SP DYE BECK TENDERS	30	20	10	
DYE REEL OPERS, JIGGRS, PAD MACHINE OPERATORS	10	*	*	
DYE TUB OPERS, RANDOM DYERS ETCH	10	*	*	
SKEIN YARN DYERS	*	*	*	
FILERS, POLISHERS, SANDERS BUFFERS	140	100	40	
FILERS, GRINDERS, BUFFERS, CHIPPERS	140	100	40	
SANDBLASTERS/SHOTBLASTERS	*	*	*	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA
1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
DIE POLISHER, WIRE &/OR TUBES	*	*	*	
GARAGE WORKERS, GAS STATION ATTENDANTS	310	160	150	Employment of gas station attendants is expected to grow more slowly than the average for all occupations as cars get better gas mileage, and the trend toward self-service gas stations continues. Labor-saving machinery and more efficient methods of cleaning and finishing laundry will enable the industry to do more work with fewer laundry and drycleaning operatives.
FUEL PUMP ATTENDANTS, LUBRICATORS	250	120	130	
TIRE CHANGERS	60	30	30	
LAUNDRY, DRYCLEANING OPERS, NEC	150	70	80	
MARKERS, CLASSIFIERS, ASSEMBLERS	30	10	20	
SPOTTERS, DRYCLEANING	*	*	*	
WASHERS, MACH &/OR STARCHERS	30	10	20	
DRYCLEANING MACH. OPERATORS	10	*	10	
LAUNDRY OPERATORS, SMALL ESTABLISHMENT	50	30	20	
RUG CLEANERS, MACHINE	*	*	*	
FOLDERS, LAUNDRY	20	*	10	
WASHERS, SYNTHETIC FIBERS	*	*	*	
MEAT CUTTERS, BUTCHERS	70	40	30	With the innovation of central cutting and packaging of meat and poultry the demand for meat cutters and butchers is likely to decline.
BONERS, MEAT	30	20	10	
BONERS, POULTRY	10	*	*	
BUTCHERS, ALL-AROUND	20	10	10	
FISH CLEANERS, HAND/BUTCHERS, FISH	10	*	*	
MINE OPERATIVES, NEC	*	*	*	
MIXING OPERATIVES	10	*	*	
ASPHALT MIXERING MACH TENDERS	*	*	*	
ASPHALT-PLANT OPERATORS	*	*	*	
MIXERS, FOOD & TOBACCO	*	*	*	
OILERS	50	10	40	
PAINTERS, MFG ARTICLES	70	50	20	The demand for production painters is expected to be great as the demand to consumer products such as furniture increases. Population and business growth will create a rising demand for new houses and businesses and more painters will be needed to paint these structures. The need for photographic process workers is tied closely to the growth of amateur photography. Since population and personal income are rising, film purchases by amateur photographers are expected to increase. More technologically advanced machinery such as tree harvesters will restrain the demand for sawyers. Sewing machine operators make up nearly 50 percent of the apparel industry employment. The demand for these workers is expected to be high as many workers separate from the occupation for various reasons.
PAINTERS, AUTOMOTIVE	20	10	10	
PAINTERS, PRODUCTION	60	40	20	
PHOTOGRAPHIC PROCESS WORKERS	20	10	10	
RIVETERS & FASTENERS	*	*	*	
SAILORS & DECKHANDS	10	*	*	
ORDINARY SEAMEN	10	*	*	
SAWYERS	80	40	40	
CUT-OFF SAW OPERS., LUMBER	10	*	*	
CUT-OFF SAWYERS, LOG	*	*	*	
EDGERS, AUTOMATIC &/OR PONY	10	*	10	
HEAD SAWYERS	10	*	10	
RIPSAW OPERATORS	10	*	*	
SAWYERS, METAL	10	10	*	
SAWYERS, PLASTICS	10	10	*	
TRIM SAW OPERATORS	10	*	*	
VARIETY SAW OPERATORS	*	*	*	
SEWERS & STITICHERS	1,130	240	890	
MENDERS	10	*	*	
SEWING MACH OPERS., REG EQPT. NONGAR	70	30	40	
BAG SEWERS	*	*	*	
GARMENT REPAIRERS	10	*	10	
MENDERS, CLOTH	30	10	20	
SEWING MACH OPERS., SPEC EQPT. NONGAR	60	20	40	
SEWING MACH OPERS., SPEC EQPT. GAR	100	20	80	
SEWING MACH OPERS., REG EQPT. GARMENT	850	160	690	
SHOEMAKING MACHINE OPERATORS	10	*	*	

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FURNACE TENDERS, STOKRS, EX METAL	40	20	20	The demand for furnace tenders is expected to decline as more new boilers are equipped with automatic controls.
STATIONARY BOILER FIRERS	30	10	20	
BATCH, FURNACE, TANK OPERS., GLASS	*	*	*	
KILN OPERATORS, MINERALS	*	*	*	
KILN OPERATORS, LUMBER	*	*	*	
WINDING OPERATIVES, NEC	80	60	20	
CONVOLUTE OR SPIRAL TUBE WINDERS	20	10	10	
PAPER REEL OPERS., REWINDER OPERATORS	*	*	*	
WINDERS, PAPER MACHINE	*	*	*	
COIL WINDERS	50	40	10	
MISC MACH. OPERS., MEAT & DIARY PRODUCTS	20	10	10	
MISC MACH OPERS., ALL OTHER FOOD PRODUCTS	10	10	*	
DOUGHNUT MAKERS/DOUGHNUT MACH OPERS	*	*	*	
BATTER SCALERS	*	*	*	
MISC MACH OPERS., TEXTILE MILL PRODUCTS	70	20	50	
LAMINATING MACHINE OPERATORS	10	*	*	
CALENDER OPERATORS, CLOTH PRESSING	*	*	*	
DRIER & REWINDER OPERATORS, RUGBACKING	*	*	*	
BLENDING MACHINE OPERATORS	10	*	*	
COATING MACHINE OPERATORS	*	*	*	
CLOTH TRIMMERS, MACHINE ETC	20	10	10	
FUSING MACHINE OPERATORS	*	*	*	
FOLDING MACHINE OPERATORS	20	*	20	
MISC MACH OPERS., LUMBER PROD FURNITURE	30	20	10	
MISC MACH OPERS, PAPER ALLIED PRODUCTS	110	60	50	
WET MACHINE TENDERS	10	*	*	
EVAPORATOR OPERATORS, PAPER-MAKING	*	*	*	
WOOD GRINDER OPERATORS	*	*	*	
BACK TENDERS	*	*	*	
BEATERS	*	*	*	
BLEACHER OPERATORS, PULP	*	*	*	
DIGESTER OPERATORS	*	*	*	
CYLINDER MACHINE TENDERS	*	*	*	
COATER OPERATORS, OFF-MACHINE	*	*	*	
PRINTER-SLOTTER OPERATORS	*	*	*	
TAPING MACHINE OPERATORS	*	*	*	
BAG MACHINE OPERATORS	10	*	*	
AUTOMATIC ASSEMBLY MACHINE ATTENDANTS	20	10	*	
MISC MACH OPERS., CHEM., ALLIED PROD.	220	130	90	Continued emphasis on research and development is expected to stimulate
SPINNERS, SYNTHETIC FILAMENTS	60	30	30	

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OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
DRAW MACHINE OPERATORS	30	20	10	some growth in the industrial chemical industry, thus, the demand for chemical operators is expected to be strong.
EVAPORATOR OPERATORS, CHEMICAL	*	*	*	
KETTLE OPERATORS, ADHESIVE	*	*	*	
STILL OPERATORS, BATCH OR CONTINUOUS	*	*	*	
CHEMICAL OPERATOR HELPERS	10	*	*	
CHEMICAL OPERATORS A	60	40	20	
CHEMICAL OPERATORS B	30	20	10	
GRINDER OPERATORS, CHEMICAL	*	*	*	
CHIEF OPERATORS	20	10	10	
MISC MACH OPERS., PETROL, COAL PRODUCTS	*	*	*	
MISC MACH OPERS, RUBBER, MISC PLASTIC	240	180	60	
RUBBER MILL OPERATORS	50	40	10	
ROLLER BUILDERS, RUBBER	*	*	*	
RUBBER GRINDER-FINISHER OPERS.	10	10	*	
SPLICERS	*	*	*	
SPLICERS, RUBBER PRODUCTS	*	*	*	
PRESS TENDERS, RUBBER GOODS	*	*	*	
CALENDER OPERATORS	10	10	*	
BELT BUILDERS	20	20	*	
DIPPING MACHINE OPERATORS	10	*	*	
CALENDER OPERATORS, PLASTICS	20	10	*	
FINISHERS, MACHINE	*	*	*	
COMPR &/OR INJECT MOLD MACH OPERATORS, PLASTIC	80	60	20	
EXTRUDER OPERATOR HELPERS	20	10	10	
MISC MACH OPERS, LEATHER & LEATHER GOODS	*	*	*	
MISC MACH OPERS, STONE, CLAY, GLASS	40	30	10	
FORMING MACH OPERATORS, GLASS CONTAINERS	30	20	10	
BLOCKMAKING MACHINE OPERATORS	*	*	*	
CONCRETE STONE FABRICATORS	*	*	*	
BRAIDING MACHINE OPERATORS	*	*	*	
BRICK & TILE MAKING MACH OPERS.	*	*	*	
MISC MACH OPERS, PRIMARY METAL	30	20	10	
MISC MACH OPERS, MFG, NEC	200	140	60	
COREMAKERS, HAND, BENCH, FL.	*	*	*	
CHIPPERS	*	*	*	
GLUERS	10	*	*	
LAMINATORS, PERFORMS	10	*	*	
PRESS OPERATORS. PLASTICS	10	*	*	
TUBE MOLDERS, FIBERGLASS	10	10	*	
ENCAPSULATORS	130	100	30	
SILK SCREEN PRINTERS, ELECTRONIC	*	*	*	
INSUL/WRAPPING/BRAIDING MACH OPERATORS	*	*	*	
ADHESIVE BANDAGE MACH OPERS.	*	*	*	
MISC MACH OPERS., NONMFG.	40	30	10	
TIRE FABRICATORS, REPAIRERS	30	20	10	
DECORATING MACHINE OPERS.	*	*	*	
OPERATIVES, NEC, DURABLE GDS.	50	30	20	
CATCHERS	*	*	0	
CASTERS, PATTERY & PORCELAIN	10	*	*	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA 1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
CONCRETE PIPE MAKERS	*	*	*	
DECORATING EQPT. SETTERS	*	*	*	
FINISHERS, HAND	20	10	10	
PREPARATION ROOM WORKERS	*	*	0	
WIRE DRAWERS	10	*	*	
OPERATIVES, NEC, NONDURABLE GOODS	130	80	50	
BAG BUILDERS	*	*	*	
CURER, RUBBER GOODS	30	20	10	
BAKER HELPERS	*	*	*	
CALENDER OPERATOR HELPERS	10	*	*	
CHICKEN CUTTERS	*	*	*	
COOLER ROOM WORKERS, MEAT	*	*	0	
DEHAIRING MACHINE OPERATORS	*	*	0	
DIE MOUNTERS	*	*	*	
DIGESTER OPERATOR HELPERS	*	*	*	
DRAPERS	*	*	*	
POULTRY DRESSERS, EVISCERATORS	30	20	10	
PRINTER-SLOTTER FEEDERS	*	*	*	
SHELLFISH SHUCKERS	*	*	*	
THREAD TRIMMERS	10	*	*	
OPERATIVES, NEC, NONMFG.	40	30	10	
BILLPOSTERS	*	*	*	
EXTERMINATORS	20	10	10	
FUMIGATORS	*	*	0	
TERMITE TREATERS	10	*	*	
TERMITE TREATER HELPERS	*	*	*	
TRANSPORT EQUIPMENT OPERATIVES	1,740	1,070	670	Employment of transport equipment operatives is expected to grow more slowly than the average for all occupations. Many qualified persons are likely to be attracted to bus driving since it is a relatively high paying occupation, therefore, applicants can expect stiff competition for the openings that arise. The general economic condition of the nation is expected to increase the amount of freight that will be transported by trucks, thus increasing the demand for truck drivers.
BUS DRIVERS	50	30	20	
DELIVERY & ROUTE WORKERS	400	220	180	
FORK LIFT, TOW MOTOR OPERS.	210	140	70	
INDUSTRIAL TRUCK OPERATORS	200	140	60	
CARRIER DRIVERS	*	*	*	
LOG HANDLING EQPT. OPERS.	10	*	*	
TAXICAB DRIVERS, CHAUFFEURS	40	10	30	
AMBULANCE DRIVER	20	*	10	
TAXI DRIVERS	10	*	10	
RENTAL CAR DELIVERY WORKERS	*	*	*	
CHAUFFEURS	10	*	*	
TRUCK DRIVERS	1,030	660	370	
ALL OTHER SEMISKILLED WORKERS	1,920	1,020	900	
SERVICE WORKERS	11,010	5,370	5,640	Employment of service workers is expected to grow faster than the average for all occupations. Construction of new office buildings, hospitals and apartment houses is expected to increase the demand for janitors and sextons. The demand for food service workers will increase as new restaurants, cafeterias, bars and clubs open in response to population growth and increased spending for food and beverages outside the home. Health service occupations are expected to continue to grow, basically, because of the increasing demand
CLEANING SERVICE WORKERS	3,200	1,310	1,890	
JANITORS & SEXTONS	3,200	1,310	1,890	
FOOD SERVICE WORKERS	4,400	2,590	1,810	
BAKERS, BREAD &/OR PASTRY	40	20	20	
BARTENDERS	60	40	20	
WAITERS ASSISTANTS	210	170	40	
COOKS, EX PRIVATE	1,040	550	490	
COOKS, SHORT ORDER/SPEC FAST FOOD	350	210	140	
COOKS, RESTAURANT	280	170	110	
COOKS, INSTITUTIONAL	420	180	240	
BUTCHERS &/OR MEAT CUTTERS	190	120	70	
WAITERS	1,210	760	450	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA
1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENING 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
HOSTS/HOSTESS, REST, LNGE, COFFEE SHOP	40	20	20	for health care from a growing population and the public's increasing health consciousness. As the population increases and personal income rises the demand for personal services is expected to grow since more people can afford to pay for them. With more mothers returning to the labor force, the demand for child care workers is expected to continue to rise. Much of the expected increase for firefighters will occur in small communities as volunteer firefighters are replaced by professionals. Increased concern for crime and vandalism will heighten the need for security in and around plants, stores, and recreation areas and is expected to cause rapid growth of guard employment.
WAITERS OR WAITRESSES	1,160	730	430	
FOOD WORKERS, NEC, EX PRIVATE	1,660	930	730	
FOOD PREP & SERV WORKERS, FAST FOOD RESTAURANT	590	350	240	
PANTRY, SANDWICH, &/OR COFFEE MAKERS	50	30	20	
ALL OTHER FOOD SERVICE WORKERS	1,010	540	470	
HEALTH SERVICE WORKERS	850	390	460	
NURSES AIDES, ORDERLIES	850	390	460	
PERSONAL SERVICE WORKERS	530	240	290	
ATTNS, RECREATION, AMUSEMENT	80	50	30	
RECREATION FACILITY ATTENDANTS	60	40	20	
GAME OPERS., RIDE OPERS., CONCESS WORKERS	10	*	10	
PIN CHASERS	*	*	*	
LIFEGUARDS	*	*	*	
ATTNS, PERSONAL SERVICE, NEC	130	60	70	
COSTUMER	30	10	20	
FUNERAL ATTENDANTS	20	10	10	
MASSEURS OR MASSEUSES	*	*	*	
INSTRUCTORS, REDUCING	10	*	*	
HOUSEKEEPERS, HOTEL & MOTEL	70	40	30	
CHECKROOM & LOCKER RM ATTNS.	*	*	*	
BAGGAGE PORTERS & BELLHOPS	50	30	20	
BELLHOPS, BAG PORTERS, DOORKEEPERS, ETC.	50	30	20	
BARBERS	30	10	20	
CHILD CARE WORKERS, EX PRIVATE	80	20	60	
ELEVATOR OPERATORS	*	0	*	
HAIRDRESSERS, COSMETOLOGISTS	120	50	70	
SCHOOL MONITORS	10	*	*	
WELFARE SERVICE AIDES	40	20	20	
PROTECTIVE SERVICE WORKERS	1,390	560	830	
CROSSING GUARDS, BRIDGETENDERS	60	20	40	
CROSSING OR BRIDGE TENDERS	30	10	20	
SCHOOL CROSSING GUARDS	30	10	20	
FIREFIGHTERS	130	80	50	
GUARDS	870	280	590	
GUARDS & DOORKEEPERS	730	240	490	
CHECKERS, FITTING ROOM	10	*	10	
FISH & GAME WARDENS	10	*	10	
CORRECTION OFFICERS &/OR JAILERS	110	30	80	
U.S. MARSHALLS	*	0	*	
POLICE DETECTIVES	280	170	110	
DETECTIVES	30	20	10	
STORE DETECTIVES	10	10	*	
POLICE OFFICERS	30	20	10	
POLICE DETECTIVES	20	10	10	
POLICE PARTROLMEN/WOMEN	190	120	70	
SHERIFFS & BALIFFS	60	20	40	
OTHER SERVICE WORKERS	630	260	370	
SUPERVISORS, NONWORKING, SERVICE	110	70	40	
ALL OTHER SERVICE WORKERS	520	190	330	

ANNUAL AVERAGE JOB OPENING IN SOUTH CAROLINA
1976 - 1982 WITH OCCUPATIONAL OUTLOOK

OCCUPATION	ANNUAL AVERAGE OPENINGS 1976-1982	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OCCUPATIONAL OUTLOOK
LABORERS, EXCEPT FARM	5,120	2,720	2,400	Employment of nonfarm laborers is expected to grow about as fast as the average for all occupations. The growing demand for building new structures as well as for maintenance and repair work on highway systems, dams, bridges, and similar projects will stimulate construction activity, thus creating a demand for construction laborers. Freight and material handlers will grow more slowly because of more efficient freight handling methods such as conveyors and draglines to move freight in and out of terminals and warehouses. Growth in employment of stock clerks probably will be slower than in the past as computers are used increasingly for inventory control.
ANIMAL CARETAKERS	*	*	*	
CONST. LABRS., EXCEPT CARPENTERS HELPERS	380	210	170	
AIR HAMMER OPERATORS	*	*	*	
FORM SETTERS, METAL ROAD FORM	*	*	0	
DREDGE PIPE INSTALLERS	*	*	0	
FENCE ERECTORS	*	*	*	
PIPELAYERS	30	20	10	
REINFORCING-IRON WORKERS	50	30	20	
TRENCH SEWER SHAPERS	*	*	*	
SEWER TAPPERS	*	*	*	
HIGHWAY MAINTENANCE WORKERS	270	140	130	
ASPHALT RAKERS	10	*	*	
FREIGHT, MATERIAL HANDLERS	70	30	40	
CHAIN OFFBEARERS, LUMBER	10	*	*	
LOADERS, CAR & TRUCK	*	*	*	
LUMBER STRAIGHTENERS	*	*	*	
OFF-BEARERS	10	10	*	
KILN STACKER OPERATORS	*	*	*	
VENEER DRIER FEEDERS	*	*	*	
CONVEYOR OPERATORS & TENDERS	10	20	10	
WORK DISTRIBUTORS	20	*	20	
GARBAGE COLLECTORS	40	20	20	
GARDENERS, GROUNDSKEEPERS, EXCEPT FARM	380	150	230	
TIMBERCUTTING, LOGGING WORKERS	80	40	40	
CHASERS	*	*	*	
CHOKER SETTERS, LUMBER	*	*	*	
BULL CHAIN OPERATORS	*	*	*	
FALLERS &/OR BUCKERS	50	30	20	
HEAD LOADERS	*	*	*	
POND WORKERS, LUMBER	*	*	*	
RIGGING SLINGERS	*	*	*	
SECOND LOADERS	*	*	*	
STOCK HANDLERS	530	360	170	
ORDER FILLERS	150	90	60	
STOCK CLERKS, SALES FLOOR	380	260	120	
VEHICLE WASHERS, EQPT. CLEANERS	*	*	0	
POLISHERS, MOLD	*	*	0	
OTHER LABORERS	3,610	1,880	1,730	
SETTERS &/OR DRAWERS	10	*	*	
RIGGERS	30	10	20	
HELPER, TRADES	1,050	660	390	
FOREST CONSERVATION WORKERS	40	20	20	
ALL OTHER UNSKILLED WORKERS	2,480	1,190	1,290	

SOURCE: Manpower Research and Analysis, South Carolina Employment Security Commission.

* Denotes occupation with annual average openings of less than 10.

JOB SERVICE APPLICANTS APPENDIX

ANALYSIS OF APPLICANT POPULATION AS OF SEPTEMBER 30,1979

45 SOUTH CAROLINA
COUNTY: TOTAL ALL COUNTIES

ALL APPLICANTS

CATEGORY	TOTAL APPLICANTS TOTAL	TOTAL APPLICANTS UNEM-PLOYED	TOTAL APPLICANTS EMPLYED PRT/TME	TOTAL APPLICANTS YOUTH 16-21	TOTAL APPLICANTS HANDICP	TOTAL APPLICANTS PUBLIC ASSIST	DISADVANTAGED APPLICANTS TOTAL	DISADVANTAGED APPLICANTS UNEM-PLOYED	DISADVANTAGED APPLICANTS EMPLYED PRT/TME	DISADVANTAGED APPLICANTS EMPLYED FUL/TME	DISADVANTAGED APPLICANTS YOUTH 16-21	VETERAN APPLICANTS TOTAL	VETERAN APPLICANTS DISABLD	VETERAN APPLICANTS VIETNAM
AGE/SEX,TOTAL	311,429	257,261	9,306	81,297	20,299	23,936	101,233	90,632	3,645	3,624	32,653	40,954	2,168	20,875
MALE,TOTAL	146,898	120,432	3,658	38,825	11,610	2,999	39,340	35,303	1,240	1,348	14,642	39,025	2,082	20,027
14-15	2,407	2,256	13	0	31	396	1,827	1,749	8	0	0	7	1	4
16-17	7,447	6,454	104	7,447	204	896	4,217	3,827	30	16	4,217	20	2	9
18	6,306	5,325	193	6,306	185	431	2,555	2,323	52	39	2,555	27	4	3
19	8,641	7,252	276	8,641	280	259	2,967	2,691	102	79	2,967	171	10	10
20-21	16,431	13,410	397	16,431	741	320	4,903	4,441	153	175	4,903	1,107	30	81
22-24	23,158	18,611	592	0	1,257	190	6,088	5,417	200	276	0	4,694	108	2,394
25-44	62,617	50,473	1,542	0	5,613	349	12,970	11,502	464	629	0	22,740	1,139	15,840
45-54	11,500	9,545	289	0	1,758	93	2,271	2,008	117	78	0	6,201	407	1,441
55-64	6,673	5,615	210	0	1,266	52	1,215	1,049	95	48	0	3,643	330	220
65/OVER	1,718	1,491	42	0	275	13	327	296	19	8	0	415	51	25
FEMALE,TOTAL	164,531	136,829	5,648	42,472	8,689	20,937	61,893	55,329	2,405	2,276	18,011	1,929	86	848
14-15	1,815	1,717	2	0	10	328	1,435	1,379	0	0	0	3	0	0
16-17	6,781	6,041	84	6,781	100	908	4,003	3,715	24	14	4,003	9	1	3
18	6,999	6,005	219	6,999	119	650	2,968	2,715	45	34	2,968	10	3	0
19	9,708	8,187	346	9,708	165	749	3,854	3,506	115	77	3,854	31	3	6
20-21	18,984	15,625	578	18,984	415	1,705	7,186	6,532	201	220	7,186	136	3	10
22-24	25,251	20,792	776	0	681	2,602	8,902	7,998	310	361	0	400	13	175
25-44	70,912	58,428	2,304	0	4,272	10,925	28,237	22,206	1,054	1,373	0	1,050	47	620
45-54	14,649	12,151	789	0	1,717	2,267	5,240	4,595	380	145	0	117	9	21
55-64	8,127	6,790	491	0	1,116	754	2,692	2,347	248	44	0	78	6	6
65/OVER	1,305	1,133	59	0	94	49	376	336	28	8	0	15	1	7
RACE/SEX,TOTAL	311,142	257,058	9,308	81,069	20,288	23,931	101,191	90,591	3,646	3,625	32,603	40,948	2,166	20,880
MALE,TOTAL	146,740	120,315	3,657	38,690	11,604	2,992	39,309	35,272	1,241	1,348	14,609	39,016	2,080	20,032
WHITE	76,987	60,259	1,742	17,548	6,736	398	12,394	11,149	379	528	3,472	25,488	1,396	12,614
BLACK	67,329	58,014	1,881	20,637	4,753	2,575	26,470	23,723	849	804	11,034	13,132	663	7,183
HISPANIC	1,566	1,331	20	346	63	7	206	184	6	8	48	188	14	111
AMER/INDIAN	148	120	3	35	24	4	65	55	3	3	19	29	2	16
ASIAN/PACIFIC	386	304	7	44	22	7	115	108	1	4	9	103	3	86
INA	324	287	4	83	6	1	59	53	3	1	27	76	2	22
FEMALE,TOTAL	164,402	136,738	5,651	42,379	8,684	20,939	61,882	55,319	2,405	2,277	17,994	1,932	86	848
WHITE	78,053	63,438	2,465	18,460	3,858	2,721	14,952	13,259	571	679	3,683	1,273	51	524
BLACK	83,675	69,678	3,137	23,562	4,686	18,105	46,425	41,594	1,822	1,586	14,196	622	32	308
HISPANIC	802	690	26	197	36	69	207	192	6	2	49	21	2	9
AMER/INDIAN	210	188	1	44	10	10	113	106	1	2	28	0	0	0
ASIAN/PACIFIC	592	518	12	49	11	10	131	117	5	7	14	9	1	5
INA	245	226	10	[illegible]	3	0	94	51	0	1	24	7	0	2

BEST AVAILABLE COPY

SMSA APPENDIX

CHARLESTON/NORTH CHARLESTON SMSA
LABOR FORCE - 1974 TO MARCH 1980

	ANNUAL AVERAGE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
						1974							
LABOR FORCE 1/	122430	116760	117310	118030	120480	121500	126900	125720	124520	123110	124540	123580	126660
TOTAL EMP 2/	114440	110410	110140	110890	113270	114270	117160	116670	115930	114940	116190	115300	118070
TOTAL UNEMP	7990	6350	7170	7140	7210	7230	9740	9050	8590	8170	8350	8280	8590
% OF LF	6.5	5.4	6.1	6.0	6.0	6.0	7.7	7.2	6.9	6.6	6.7	6.7	6.8
						1975							
LABOR FORCE 1/	128440	121260	122860	125540	125700	127940	132310	129780	129620	131360	131060	131850	131950
TOTAL EMP 2/	118830	113510	113870	115430	116570	119810	121610	120390	119430	120660	121720	122080	121880
TOTAL UNEMP	9610	7750	8990	10110	9130	9130	10700	9390	10190	10700	9340	9770	10070
% OF LF	7.5	6.4	7.3	8.1	7.3	7.1	8.1	7.2	7.9	8.1	7.1	7.4	7.6
						1976							
LABOR FORCE 1/	138640	130610	132290	134070	137140	138750	143120	142350	141720	141350	140990	141260	140040
TOTAL EMP 2/	128600	120370	121620	124470	127770	129360	132050	131380	131480	131710	130980	131120	130900
TOTAL UNEMP	10040	10240	10670	9600	9370	9390	11070	10970	10240	9640	10010	10140	9140
% OF LF	7.2	7.8	8.1	7.2	6.8	6.8	7.7	7.7	7.2	6.8	7.1	7.2	6.5
						1977							
LABOR FORCE 1/	146080	139620	140800	142490	143370	146150	150190	148770	147980	147910	147760	149250	148640
TOTAL EMP 2/	134800	128600	129130	131520	132990	135210	137720	135710	136120	136950	136690	137790	139150
TOTAL UNEMP	11280	11020	11670	10970	10380	10940	12470	13060	11860	10960	11070	11460	9490
% OF LF	7.7	7.9	8.3	7.7	7.2	7.5	8.3	8.8	8.0	7.4	7.5	7.7	6.4
						1978							
LABOR FORCE 1/	149300	146030	146680	147870	147440	149770	154460	152670	150050	148620	152150	151070	150870
TOTAL EMP 2/	140430	136360	137180	138850	138830	140800	143280	142060	140450	139420	142880	142350	142750
TOTAL UNEMP	9370	9670	9500	9020	8610	8970	11180	10610	9600	9200	9270	8720	8120
% OF LF	6.3	6.6	6.5	6.1	5.8	6.0	7.2	6.9	6.4	6.2	6.1	5.8	5.4
						1979							
LABOR FORCE 1/	153350	148260	149240	150260	151440	153470	157340	155380	154380	153250	156530	155660	155120
TOTAL EMP 2/	145340	140330	141180	142270	144110	146010	148380	146680	145850	145180	148460	147870	147750
TOTAL UNEMP	8010	7930	8060	7990	7330	7460	8960	8700	8530	8070	8070	7790	7370
% OF LF	5.2	5.3	5.4	5.3	4.8	4.9	5.7	5.6	5.5	5.3	5.2	5.0	4.8
						1980							
LABOR FORCE 1/	151920	152350	152310	151100									
TOTAL EMP 2/	142750	143680	142890	141680									
TOTAL UNEMP	9170	8670	9420	9420									
% OF LF	6.0	5.7	6.2	6.2									

1/ THESE DATA ARE PROJECTED FROM THE 1979 CURRENT POPULATION SURVEY (CPS) BENCHMARK AND HAVE BEEN ADJUSTED FOR COMMUTING AND DUAL JOB HOLDING. CONSEQUENTLY, THESE DATA REPRESENT PERSONS BY PLACE OF RESIDENCE AND ARE NOT STRICTLY COMPARABLE TO THE ESTABLISHMENT BASED NONFARM WAGE AND SALARY INDUSTRY EMPLOYMENT SERIES. THIS SERIES REPLACES ALL PREVIOUS LABOR FORCE SERIES.

2/ INCLUDES WORKERS INVOLVED IN LABOR MANAGEMENT DISPUTES.

NOTE: LAST YEAR'S AVERAGE IS AVERAGE OF JANUARY THROUGH LAST MONTH.

DUE TO ROUNDING PROCEDURES, COMPONENTS MAY NOT ADD TO TOTALS.

S. C. EMPLOYMENT SECURITY COMMISSION
MANPOWER RESEARCH AND ANALYSIS/LMIA
APRIL 1980

COLUMBIA SMSA
LABOR FORCE - 1974 TO MARCH 1980

	ANNUAL AVERAGE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	BY MONTH												
						1974							
LABOR FORCE 1/	143050	136580	138290	138750	140450	141880	144840	145280	144620	144360	146390	146820	148330
TOTAL EMP 2/	137030	131730	133300	134110	135500	136930	137770	139000	138450	139290	139930	138980	140320
TOTAL UNEMP	6020	4850	4990	4640	4950	4950	7070	6280	6170	6070	6460	7840	8010
% OF LF	4.2	3.6	3.6	3.3	3.5	3.5	4.9	4.3	4.3	4.2	4.4	5.3	5.4
						1975							
LABOR FORCE 1/	147860	142280	143990	146090	145760	144550	149090	148760	146430	148920	151710	153040	153620
TOTAL EMP 2/	138450	134910	134480	135950	136350	137130	137680	138930	137080	139270	142260	143460	143860
TOTAL UNEMP	9410	7370	9510	10140	9410	7420	11410	9830	9350	9650	9450	9580	9760
% OF LF	6.4	5.2	6.6	6.9	6.5	5.1	7.7	6.6	6.4	6.5	6.2	6.3	6.4
						1976							
LABOR FORCE 1/	156720	150600	153940	155330	156370	157940	157320	156090	155560	157840	159690	160700	159230
TOTAL EMP 2/	147380	140900	143560	145350	147400	148560	147250	145650	146100	149680	151040	151860	151240
TOTAL UNEMP	9340	9700	10380	9960	8970	9380	10070	10440	9460	8160	8650	8840	7990
% OF LF	6.0	6.4	6.7	6.4	5.7	5.9	6.4	6.7	6.1	5.2	5.4	5.5	5.0
						1977							
LABOR FORCE 1/	164860	158630	160870	162030	164010	164710	164270	164590	164780	166950	168600	169570	169330
TOTAL EMP 2/	155180	148450	149690	152460	154090	154670	153930	153710	154770	158440	160040	160290	161630
TOTAL UNEMP	9680	10180	11180	9570	9920	10040	10340	10880	10010	8510	8560	9230	7700
% OF LF	5.9	6.4	6.9	5.9	6.0	6.1	6.3	6.6	6.1	5.1	5.1	5.5	4.5
						1978							
LABOR FORCE 1/	168690	164260	166430	167790	169200	170010	168240	168650	166590	168490	171940	170680	171900
TOTAL EMP 2/	161320	156740	158460	160730	161950	162440	159910	160520	159890	161630	164320	163870	165340
TOTAL UNEMP	7370	7520	7970	7060	7250	7570	8330	8130	6700	6860	7620	6810	6560
% OF LF	4.4	4.6	4.8	4.2	4.3	4.5	5.0	4.8	4.0	4.1	4.4	4.0	3.8
						1979							
LABOR FORCE 1/	173200	168480	169790	171750	171690	173130	174400	172180	171820	174870	176240	176820	177170
TOTAL EMP 2/	166670	162100	163210	165450	165920	166970	167310	164990	164980	168190	169950	170340	170610
TOTAL UNEMP	6530	6380	6590	6300	5770	6160	7090	7190	6840	6680	6290	6480	6560
% OF LF	3.8	3.8	3.9	3.7	3.4	3.6	4.1	4.2	4.0	3.8	3.6	3.7	3.7
						1980							
LABOR FORCE 1/	171940	173370	172150	170300 ✓									
TOTAL EMP 2/	164530	166060	164580	162950									
TOTAL UNEMP	7410	7310	7570	7350									
% OF LF	4.3	4.2	4.4	4.3 ✓									

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2/ INCLUDES WORKERS INVOLVED IN LABOR MANAGEMENT DISPUTES.

NOTE: LAST YEAR'S AVERAGE IS AVERAGE OF JANUARY THROUGH LAST MONTH.

DUE TO ROUNDING PROCEDURES, COMPONENTS MAY NOT ADD TO TOTALS.

S. C. EMPLOYMENT SECURITY COMMISSION
RESEARCH AND ANALYSIS/LMIA
APRIL 1980

GREENVILLE/SPARTANBURG SMSA
LABOR FORCE - 1974 TO MARCH 1980

	ANNUAL AVERAGE	BY MONTH JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
						1974							
LABOR FORCE 1/	233540	228620	227850	228910	230190	232640	239110	238140	238760	237600	237990	235450	227170
TOTAL EMP 2/	223610	220300	219860	220940	222170	224870	228860	228350	229560	228040	227260	221170	211920
TOTAL UNEMP	9930	8320	7990	7970	8020	7770	10250	9790	9200	9560	10730	14280	15250
% OF LF	4.3	3.6	3.5	3.5	3.5	3.3	4.3	4.1	3.9	4.0	4.5	6.1	6.7
						1975							
LABOR FORCE 1/	234770	224550	224880	228150	231030	232740	236770	236570	237380	239030	240290	243200	242640
TOTAL EMP 2/	215700	206290	203330	205690	209110	214210	216770	216910	220130	220470	223450	225690	226350
TOTAL UNEMP	19070	18260	21550	22460	21920	18530	20000	19660	17250	18560	16840	17510	16290
% OF LF	8.1	8.1	9.6	9.8	9.5	8.0	8.4	8.3	7.3	7.8	7.0	7.2	6.7
						1976							
LABOR FORCE 1/	249640	242430	244010	245880	247420	250650	253170	249810	251300	251910	252990	253740	252350
TOTAL EMP 2/	234530	225610	227130	229950	232980	236130	237670	233940	237100	238000	238880	238630	238310
TOTAL UNEMP	15110	16820	16830	15930	14440	14520	15500	15870	14200	13910	14110	15110	14040
% OF LF	6.1	6.9	6.9	6.5	5.8	5.8	6.1	6.4	5.7	5.5	5.6	6.0	5.6
						1977							
LABOR FORCE 1/	253560	244870	248560	249030	251390	253480	259130	255370	256380	256170	256960	256590	254720
TOTAL EMP 2/	237560	228180	231220	232930	236150	238220	242120	236840	240050	240900	241680	241130	241250
TOTAL UNEMP	16000	16690	17340	16100	15240	15260	17010	18530	16330	15270	15280	15460	13470
% OF LF	6.3	6.8	7.0	6.5	6.1	6.0	6.6	7.3	6.4	6.0	5.9	6.0	5.3
						1978							
LABOR FORCE 1/	256390	251430	252340	253430	254530	255810	260970	257410	257170	257250	260170	258100	258060
TOTAL EMP 2/	244430	237370	238640	240590	242290	243720	248300	244090	245620	246500	248770	248140	249170
TOTAL UNEMP	11960	14060	13700	12840	12240	12090	12670	13320	11550	10750	11400	9960	8890
% OF LF	4.7	5.6	5.4	5.1	4.8	4.7	4.9	5.2	4.5	4.2	4.4	3.9	3.4
						1979							
LABOR FORCE 1/	259720	254500	253990	256010	257360	259020	263930	260480	258530	261700	263740	263490	263870
TOTAL EMP 2/	249540	244590	243810	245810	247680	249700	253290	250000	248440	251690	253480	252580	253410
TOTAL UNEMP	10180	9910	10180	10200	9680	9320	10640	10480	10090	10010	10260	10910	10460
% OF LF	3.9	3.9	4.0	4.0	3.8	3.6	4.0	4.0	3.9	3.8	3.9	4.1	4.0
						1980							
LABOR FORCE 1/	255420	257770	255400	253060									
TOTAL EMP 2/	242910	245930	242510	240270									
TOTAL UNEMP	12510	11840	12890	12790									
% OF LF	4.9	4.6	5.0	5.1									

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S. C. EMPLOYMENT SECURITY COMMISSION
RESEARCH AND ANALYSIS/LMIA
APRIL 1980

NONFARM WAGE AND SALARY EMPLOYMENT BY MAJOR INDUSTRY IN CHARLESTON-NORTH CHARLESTON SMSA SOUTH CAROLINA
1976 AND PROJECTED 1982

	ESTIMATED 1976	PROJECTED 1982	NET CHANGE 1976-1982	PERCENT CHANGE 1976-1982
TOTAL ALL INDUSTRIES 1/	121,770	150,130	28,360	23.3
MINING	30	40	10	33.3
CONSTRUCTION	9,290	11,750	2,460	26.5
MANUFACTURING	16,940	20,970	4,030	23.8
DURABLE GOODS	8,420	11,040	2,620	31.1
LUMBER & WOOD PROD.	1,580	1,650	70	4.4
FURN. & FIXTURES	320	300	-20	-6.3
STONES, CLAY & GLASS	1,720	1,950	230	13.4
PRIMARY METALS	290	320	30	10.3
FABRICATED METALS	1,030	1,400	370	35.9
MACH., EXC., ELECT.	1,980	3,500	1,520	76.8
ELECT. MACH.	180	300	120	66.7
TRANS. EQUIP.	1,220	1,500	280	23.0
INSTRUMENTS	100	100	-	-
MISC. MANUFACTURING	-	20	20	100.0
NONDURABLE GOODS	8,520	9,930	1,410	16.5
FOOD & KINDRED PROD.	1,010	1,020	10	1.0
TOBACCO	0	0	0	0
TEXTILE MILL PROD.	1,380	1,300	-80	-5.8
APPAREL & TEX. PROD.	1,700	1,800	100	5.9
PAPER & ALLIED PROD.	1,800	1,850	50	2.8
PRINTING & PUBLISHING	650	770	120	18.5
CHEMICALS & ALLIED PROD.	1,450	2,300	850	58.6
PETROLEUM & COAL	210	240	30	14.3
RUBBER & PLASTIC PROD.	320	650	330	103.1
LEATHER PROD.	0	0	0	0
TRANS., COMM., & P.U.	7,210	8,810	1,600	22.2
WHOLESALE & RETAIL TRADE	26,070	32,460	6,390	24.5
FIN. INS., & REAL ESTATE	5,000	6,250	1,250	25.0
SERVICES	33,790	42,010	8,220	24.3
GOVERNMENT 2/	23,440	27,840	4,400	18.8

SOURCE: Manpower Research and Analysis, South Carolina Employment Security Commission.

1/ Excludes agricultural production workers, self-employed, unpaid family workers, workers in private households, and military personnel.

2/ Includes all Federal Government employees, all State and Local Government employees except those in education and hospitals which are included in Services.

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
PLANNING DISTRICT IX, S.C.
1976 AND PROJECTED 1982

OCCUPATION [1]	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
TOTAL, ALL OCCUPATIONS	121,770	150,130	28,360	23.3
PROFESSIONAL, TECHNICAL, KINDRED WORKERS	19,290	23,630	4,340	22.5
ENGINEERS	1,090	1,360	270	24.8
AERO-ASTRONAUTIC ENGINEERS	10	10	0	0.0
CHEMICAL ENGINEERS	40	60	20	50.0
CIVIL ENGINEERS	230	280	50	21.7
ELECTRICAL ENGINEERS	180	220	40	22.2
INDUSTRIAL ENGINEERS	80	110	30	37.5
MECHANICAL ENGINEERS	240	300	60	25.0
METALLURGICAL ENGINEERS	10	10	0	0.0
NUCLEAR ENGINEERS	80	100	20	25.0
OTHER ENGINEERS	220	270	50	22.7
LIFE & PHYSICAL SCIENTISTS	230	290	60	26.1
AGRICULTURAL SCIENTISTS	30	40	10	33.3
ATMOSPHERIC SCIENTISTS	10	10	0	0.0
LIFE SCIENTISTS	50	60	10	20.0
BIOLOGICAL SCIENTISTS	50	60	10	20.0
CHEMISTS	80	100	20	25.0
GEOLOGISTS	10	10	0	0.0
PHYSICISTS	10	20	10	100.0
LIFE, PHYSICAL SCIENTISTS, NEC	40	50	10	25.0
MATHEMATICAL SPECIALISTS	30	40	10	33.3
MATHEMATICAL SCIENTISTS	10	10	0	0.0
ALL OTHER MATH SCIENTISTS	10	10	0	0.0
STATISTICIANS	20	30	10	50.0
ENGINEERING, SCIENCE TECHNS.	1,570	1,980	410	26.1
DRAFTERS	290	360	70	24.1
ELECTRICAL, ELECTRONIC TECHNS.	370	470	100	27.0
ELECTRICAL & ELECTRONIC TECHNS.	350	450	100	28.6
BROADCAST TECHNICIANS	20	20	0	0.0
MATHEMATICAL TECHNICIANS	10	10	0	0.0
MECHANICAL ENGINEERING TECHNS.	260	310	50	19.2
SURVEYORS	80	100	20	25.0
ENGINEERING, SCIENCE TECHNS, NEC	560	730	170	30.4
TIMBER CRUISERS	10	10	0	0.0
ALL OTHER ENG TECH.	460	600	140	30.4
ALL OTHER SCIENCE TECHNICIANS	90	120	30	33.3
MEDICAL WORKERS, EX. TECHNS.	2,220	2,810	590	26.6
DENTISTS	60	90	30	50.0
DIETITIANS	70	90	20	28.6
NURSES & PHYSICIANS ASSTS.	1,370	1,730	360	26.3
NURSES, PROFESSIONAL	1,350	1,700	350	25.9
PHYSICIANS ASSISTANTS	20	30	10	50.0
PHARMACISTS	170	210	40	23.5
PHYSICIANS, MED & OSTEOPATH	430	540	110	25.6
THERAPISTS	110	140	30	27.3
OCCUPATIONAL THERAPISTS	10	20	10	100.0
SPEECH & HEARING CLINICIANS, ETC	30	30	0	0.0
PHYSICAL THERAPISTS	20	30	10	50.0
INHALATION THERAPISTS	50	60	10	20.0
VETERINARIANS	10	10	0	0.0
HEALTH TECHNOLS & TECHNS	1,830	2,360	530	29.0
CLINICAL LAB TECHNOLS, TECHNS	300	390	90	30.0
MEDICAL LAB TECHNOLOGISTS	160	200	40	25.0
CYTOTECHNOLOGISTS	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
PLANNING DISTRICT IX, S.C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
MEDICAL LAB ASSISTANTS	130	180	50	38.5
DENTAL HYGIENISTS & ASSISTANTS	260	360	100	38.5
DENTAL ASSISTANTS	200	270	70	35.0
DENTAL HYGIENISTS	60	90	30	50.0
HEALTH RECORD TECHNOLS., TECHNS.	80	110	30	37.5
RADIOLOGIC TECHNOLS., TECHNS.	150	180	30	20.0
X-RAY TECHNICIANS	110	140	30	27.3
NUCLEAR MEDICINE TECHNOLOGISTS	10	10	0	0.0
RADIATION THERAPY TECHNOLOGISTS	30	30	0	0.0
OTHER HEALTH TECHNOLS., TECHNS.	1,040	1,320	280	26.9
SURGICAL TECHNICIANS	60	80	20	33.3
EKG TECHNICIANS	40	50	10	25.0
EEG TECHNICIANS	10	10	0	0.0
PHARMACY HELPERS	40	50	10	25.0
LICENSED PRACTICAL NURSES	700	890	190	27.1
ALL OTHER MED & DENT TECH	190	240	50	26.3
TECHNICIANS, EX HEALTH OR S&E	350	440	90	25.7
AIRPLANE PILOTS	70	90	20	28.6
AIR TRAFFIC CONTROLLERS	120	150	30	25.0
EMBALMERS	30	30	0	0.0
EMBALMERS	30	30	0	0.0
RADIO OPERATORS	10	20	10	100.0
TOOL PROGRAMERS, NUMERICAL CONT	10	20	10	100.0
OTHER TECHNS., EX HEALTH OR S&E	110	130	20	18.2
ALL OTHER TECHNICIAN	110	130	20	18.2
COMPUTER SPECIALISTS	240	290	50	20.8
COMPUTER PROGRAMERS	130	150	20	15.4
COMPUTER SYSTEMS ANALYSTS	110	140	30	27.3
SOCIAL SCIENTISTS	110	140	30	27.3
ECONOMISTS	10	10	0	0.0
ECONOMISTS	10	10	0	0.0
PSYCHOLOGISTS	40	50	10	25.0
URBAN & REGIONAL PLANNERS	40	50	10	25.0
OTHER SOCIAL SCIENTISTS	20	30	10	50.0
TEACHERS	6,110	7,270	1,160	19.0
ADULT EDUCATION TEACHERS	350	420	70	20.0
COLLEGE & UNIVERSITY TEACHERS	950	1,130	180	18.9
TEACHERS, COLLEGE	730	870	140	19.2
GRADUATE ASSISTANTS	210	250	40	19.0
EXTENSION SERVICE SPECIALISTS	10	10	0	0.0
ELEMENTARY SCHOOL TEACHERS	2,380	2,840	460	19.3
PRESCHOOL, KINDERGTN TEACHERS	500	580	80	16.0
SECONDARY SCHOOL TEACHERS	1,660	1,980	320	19.3
TEACHERS, NEC	270	320	50	18.5
DANCE INSTRUCTORS	20	20	0	0.0
ALL OTHER TEACHERS	250	300	50	20.0
WRITERS, ARTISTS, & ENTERTAINERS	610	740	130	21.3
ATHLETES & KINDRED WORKERS	30	40	10	33.3
SPORTS INSTRUCTORS	30	40	10	33.3
DESIGNERS	110	130	20	18.2
DESIGNERS	110	130	20	18.2
EDITORS & REPORTERS	110	140	30	27.3
WRITERS &/OR EDITORS	60	70	10	16.7
REPORTERS & CORRESPONDENTS	50	70	20	40.0
MUSICIANS	150	180	30	20.0
MUSICIANS, INSTRUMENTAL	150	180	30	20.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
PLANNING DISTRICT IX, S.C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLCYMENT 1982	1976 - 1982 NET CHANGE	PERCENT CHANGE
PHOTOGRAPHERS	40	50	10	25.0
PHOTOGRAPHERS	30	40	10	33.0
TELEVISION CAMERA OPERATORS	10	10	0	0.0
PUBLIC RELATIONS SPECIALISTS	70	80	10	14.3
RADIO, TV ANNOUNCERS	100	120	20	20.0
ANNOUNCERS	90	110	20	22.2
BROADCAST NEWS ANALYSTS	10	10	0	0.0
OTHER PROFESSIONAL & TECHNICAL WRKRS.	4,900	5,910	1,010	20.6
ACCOUNTANTS	770	950	180	23.4
ACCOUNTANTS & AUDITORS	560	700	140	25.0
TAX EXAMINERS, COLLECTORS, REV AGTS.	120	140	20	16.7
TAX PREPARERS	90	110	20	22.2
ARCHITECTS	90	110	20	22.2
BUYERS & PURCHASING AGENTS	550	670	120	21.8
CLERGY	240	280	40	16.7
DIRECTORS, RELIGIOUS ACT &/OR REL. ED.	40	50	10	25.0
FORESTERS	80	90	10	12.5
JUDGES	50	60	10	20.0
JUDGES	20	20	0	0.0
MAGISTRATES	30	40	10	33.3
LAWYER & KINDRED WORKERS	230	310	80	34.8
LAW CLERKS	50	70	20	40.0
LAWYERS	170	220	50	29.4
PARALEGAL PERSONEL	10	20	10	100.0
LIBRARIANS	510	610	100	19.6
LIBRARIANS	460	550	90	19.6
AUDIO VISUAL SPECIALISTS	50	60	10	20.0
PERSONNEL, LABOR REL SPECIALISTS	270	330	60	22.2
PERSONNEL, LABOR REL SPECIALISTS	190	230	40	21.1
EMPLOYMENT INTERVIEWERS	80	100	20	25.0
RECREATION WORKERS	150	180	30	20.0
SOCIAL WORKERS	350	420	70	20.0
CASEWORKERS	350	420	70	20.0
VOCATIONAL, EDUC COUNSELORS	180	210	30	16.7
ALL OTHER PROFESSIONAL WORKERS	1,390	1,640	250	18.0
TECHNICAL DIRECTORS	10	10	0	0.0
SAFETY INSPECTORS	20	20	0	0.0
UNDERWRITERS	50	50	0	0.0
COST ESTIMATORS	110	140	30	27.3
CREDIT ANALYSTS	30	40	10	33.3
APPRAISERS, REAL ESTATE	30	40	10	33.3
ASSESSORS	20	20	0	0.0
SPECIAL AGENTS, INSURANCE	10	10	0	0.0
TRAVEL AGTS, TR. ACCOM. APPRAISERS	40	40	0	0.0
CLAIM EXAMINERS, PRPTY/CSLTY INS.	10	10	0	0.0
ALL OTHER PROFESSIONAL	1,060	1,260	200	18.9
MANAGERS, OFFICIALS, PROPRIETORS	10,140	12,450	2,310	22.8
SALES MANAGERS	320	400	80	25.0
SALES MANAGERS, RETAIL TRADE	320	400	80	25.0
ADMINISTRATORS, PUB. INSPECTORS	390	470	80	20.5
CONSTRUCTION INSPECTORS, PUB. AD.	80	100	20	25.0
INSPECTORS, EX CONST, PUB ADM.	120	140	20	16.7
POSTMASTERS & MAIL SUPERINTENDENTS	190	230	40	21.1
OTHER MANAGERS, OFFICIALS, PROPS.	9,430	11,530	2,150	22.8
RAILROAD CONDUCTORS	40	50	10	25.0
OTHER MGRS, ADMINISTRATORS	9,390	11,530	2,140	22.8
MANAGERS, STORE	1,390	1,660	270	19.4
MANAGERS, AUTO SERVICE DEPT.	90	110	20	22.2
MANAGERS, AUTO PARTS DEPT.	60	70	10	16.7
WHOLESALERS	240	300	60	25.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
PLANNING DISTRICT IX, S.C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
ALL OTHER MANAGERS	7,610	9,390	1,780	23.4
SALES WORKERS	7,320	8,850	1,530	20.9
DEMONSTRATORS	230	280	50	21.7
INSURANCE AGENTS, BROKERS, ETC.	690	750	60	8.7
SALES AGENTS, SALES REPS, INSURANCE	690	750	60	8.7
REAL ESTATE AGENTS, BROKERS	130	210	80	61.5
REAL ESTATE BROKERS	20	30	10	50.0
SALES AGENTS, SALES REPS, REAL EST	110	180	70	63.6
STOCK & BOND SALES AGENTS	60	50	-10	-16.7
SALES AGENTS, SALES REPS, SECURITY	60	50	-10	-16.7
OTHER SALES WORKERS	6,210	7,560	1,350	21.7
SALES CLERKS	3,870	4,690	820	21.2
CRATING & MOVING ESTIMATORS	10	10	0	0.0
ALL OTHER SALES WORKERS	2,330	2,860	530	22.7
CLERICAL WORKERS	23,680	29,050	5,370	22.7
STENOS, TYPISTS, SECRETARIES	4,850	5,960	1,110	22.9
SECRETARIES	2,990	3,700	710	23.7
STENOGRAPHERS	530	650	120	22.6
TYPISTS	1,330	1,610	280	21.0
OFFICE MACHINE OPERATORS	790	970	180	22.8
BOOKKEEPING, BILLING OPERATORS	320	400	80	25.0
BOOKKEEPING/BILLING MACH OPS.	270	340	70	25.9
PROOF MACHINE OPERATORS	50	60	10	20.0
COMPUTER, PHERIPHERAL EQUIP OPS.	150	180	30	20.0
COMPUTER OPERATORS	130	160	30	23.1
PHERIPHERAL EDP EQPT OPERATORS	20	20	0	0.0
DUPLICATING MACHINE OPERATORS	10	10	0	0.0
KEYPUNCH OPERATORS	250	310	60	24.0
TABULATING MACHINE OPERATORS	20	20	0	0.0
ALL OTHER OFFICE MACHINE OPS.	40	50	10	25.0
OTHER CLERICAL WORKERS	18,040	22,120	4,080	22.6
BANK TELLERS	380	450	70	18.4
NEW ACCOUNTS TELLERS	50	60	10	20.0
TELLERS	330	390	60	18.2
BOOKKEEPERS	1,860	2,300	440	23.7
ACCOUNTING CLERKS	660	820	160	24.2
BOOKKEEEPERS, HAND	1,200	1,480	280	23.3
CASHIERS	2,090	2,640	550	26.3
CLEIRCAL SUPERVISORS	270	320	50	18.5
COLLECTORS, BILL & ACCOUNT	200	250	50	25.0
COUNTER CLERKS, EX FOOD	350	440	90	25.7
CAR RENTAL CLERKS	20	30	10	50.0
DESK CLERKS	140	180	40	28.6
ORDER CLERKS	160	200	40	25.0
CIRCULATION CLERKS	10	10	0	0.0
CLASSIFIED AD CLERKS, NEWSPAPER	10	10	0	0.0
DESK CLERKS, BOWLING FLOOR	10	10	0	0.0
DISPATCHERS, STARTERS, VEHICLE	30	30	0	0.0
DISPATCHERS, POLICE, FIRE, AMBULANCE	30	30	0	0.0
ESTIMATORS, INVESTIGATORS, NEC	200	240	40	20.0
ADJUSTMENT CLERKS	50	70	20	40.0
CLIAM CLERKS	110	120	10	9.1
CREDIT REPORTERS	30	40	10	33.3
LOAN CLOSERS, NEW CONSTRUCTION	10	10	0	0.0
PRODUCTION CLERKS	260	330	70	26.9
FILE CLERKS	420	500	80	19.0
FILE CLERKS	170	200	30	17.6
PERSONNEL CLERKS	240	290	50	20.8
ADMISSIONS EVALUATORS	10	10	0	0.0
CLAIM ADJUSTERS	90	100	10	11.1
CLAIM EXAMINERS, INSURANCE	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
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OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
CLAIM ADJUSTERS	80	90	10	12.5
LIBRARY ASSISTANTS	170	200	30	17.6
MAIL CARRIERS, POSTAL SERVICE	2,120	2,530	410	19.3
MESSENGERS & OFFICE HELPERS	30	40	10	33.3
MESSENGERS	30	40	10	33.3
METER READERS, UTILITIES	40	50	10	25.0
PAYROLL, TIME KEEPING CLERKS	270	340	70	25.9
POSTAL CLERKS	580	690	110	19.0
PROOFREADERS	10	20	10	100.0
RECEPTIONISTS	670	850	180	26.9
RECEPTIONISTS	440	580	140	31.8
SWITCHBOARD OPS/RECEPTIONISTS	220	260	40	18.2
TRAVEL COUNSELORS, AUTO CLUB	10	10	0	0.0
SHIPPING, RECEIVING CLERKS	830	1,030	200	24.1
SHIPPING & RECEIVING CLERKS	470	580	110	23.4
SHIPPING PACKERS	360	450	90	25.0
STATISTICAL CLERKS	100	110	10	10.0
BROKERAGE CLERKS	10	*	-10	-100.0
RATERS	60	70	10	16.7
COURT CLERKS	20	20	0	0
INSURANCE CHECKERS	10	10	0	0.0
STOCK CLERKS, STORE KEEPERS	1,000	1,270	270	27.0
PROCUREMENT CLERKS	50	60	10	20.0
STOCK CLERKS, STOCKRM, WAREHS, ETC.	950	1,210	260	27.4
TELEGRAPH OPERATORS	10	10	0	0.0
TELEPHONE OPERATORS	490	600	110	22.4
SWITCHBOARD OPERATORS	230	280	50	21.7
CENTRAL OFFICE OPERATORS	230	290	60	26.1
DIRECTORY ASSISTANCE OPERATORS	30	30	0	0.0
TICKET STATION, EXPRESS AGENTS	60	80	20	33.3
STATION AGENTS	10	10	0	0.0
TRANSPORTATION AGENTS	50	70	20	40.0
WEIGHERS	40	40	0	0.0
ALL OTHER CLERICAL WORKERS	5,470	6,660	1,190	21.8
CALL-OUT OPERATORS	20	30	10	50.0
GENERAL CLERK, OFFICE	3,080	3,740	660	21.4
IN-FILE OPERATORS	10	20	10	100.0
POLICY CHANGE CLERKS	20	20	0	0.0
REAL ESTATE CLERKS	30	50	20	66.0
STATEMENT CLERKS	30	30	0	0
TRAFFIC CLERKS	10	20	10	100.0
SERVICE REPRESENTATIVES	70	80	10	14.3
RATE CLERKS, FREIGHT	20	20	0	0.0
TOWN CLERKS	20	30	10	50.0
MORTGAGE CLOSING CLERKS	20	20	0	0.0
SORTING CLERKS, BANK	10	20	10	100.0
INSURANCE CLERKS	10	10	0	0.0
INSURANCE CLERK, MEDICAL	100	120	20	20.0
ALL OTHER OFFICE CLERICAL	820	1,000	180	22.0
ALL OTHER PLANT CLERICAL	1,200	1,450	250	20.8
CRAFTS & KINDRED WORKERS	17,080	21,170	4,090	23.9
CONSTRUCTION CRAFTS WKRS.	5,410	6,710	1,300	24.0
CARPENTERS	1,460	1,790	330	22.6
CARPENTERS	1,460	1,790	330	22.6
BRICKMASONS & STONEMASONS	290	370	80	27.6
BRICKLAYERS	280	350	70	25.0
STONE MASONS	10	20	10	100.0
BULLDOZER OPERATORS	40	40	0	0.0
CEMENT & CONCRETE FINISHERS	130	170	40	30.8
CEMENT MASONS	120	150	30	25.0

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CONCRETE RUBBERS	10	10	0	0.0
TERRAZZO WORKERS	*	10	10	100.0
ELECTRICIANS	940	1,160	220	23.4
EXCAVATING, GRADING MACH OPS.	610	770	160	26.2
DREDGE OPERATORS	10	10	0	0.0
HEAVY EQUIPMENT OPERATORS	570	730	160	28.1
BATCH PLANT OPERATORS	20	20	0	0.0
BALLAST CLEAN MACH OPERATORS, ETC.	10	10	0	0.0
PAINTERS, CONSTRUCTION,MAINT.	540	680	140	25.9
PAPERHANGERS	10	10	0	0.0
PLASTERERS	20	20	0	0.0
PLUMBERS & PIPEFITTERS	1,050	1,300	250	23.8
PLUMBERS &/OR PIPEFITTERS	1,050	1,300	250	23.8
ROOFERS	100	130	30	30.0
STRUCTURAL STEEL WORKERS	170	210	40	23.5
TILE SETTERS	50	60	10	20.0
TILE SETTERS	40	50	10	25.0
CEILING TILE INSTALLRS, FLR LAYRS	10	10	0	0.0
BLUE COLLAR WKR SUPVSRS.	1,490	1,870	380	25.5
SUPERVISORS, NONWORKING	1,490	1,870	380	25.5
METALWKG CRAFTS WKRS, EX MECH.	1,430	1,790	360	25.2
BLACKSMITHS	10	10	0	0.0
BOILERMAKERS	100	130	30	30.0
HEAT TREATERS, ANNEALERS, ETC	10	10	0	0.0
FORGE & HAMMER OPERATORS	*	10	10	100.0
HAMMERSMITHS, OPEN DIE	*	10	10	100.0
JOB & DIE SETTERS, METAL	10	20	10	100.0
MACHINE TOOL SETTERS, METALWRKING	10	20	10	100.0
MACHINISTS	430	540	110	25.6
LAYOUT MARKERS, METAL	40	50	10	25.0
MACHINISTS	390	490	100	25.6
MILLWRIGHTS	260	310	50	19.2
MOLDERS, METAL	10	10	0	0.0
MOLDERS, BENCH &/OR FLOOR	*	10	10	100.0
ROLLERS & FINISHERS, METAL	10	10	0	0.0
SHEET METAL WORKERS, TINSMITHS	520	650	130	25.0
TOOLMAKERS & DIEMAKERS	70	90	20	28.6
MECHS, REPAIRERS, INSTALLERS	4,640	5,640	1,000	21.6
AIR COND, HEATING, REGRIG. MECHS.	350	440	90	25.7
REFRIG MECHANICS, A/C MECHANICS	270	350	80	29.6
FURNACE INSTALLERS & REPAIRERS	60	70	10	16.7
OIL BURNER INSTALLERS, SERVICERS	20	20	0	0.0
AIRCRAFT MECHANICS	260	310	50	19.2
AUTO SEAT COVER, TOP INSTALLERS	10	20	10	100.0
AUTO BODY REPAIRERS	200	240	40	20.0
AUTO MECHANICS	1,270	1,530	260	20.5
AUTOMOTIVE MECHANICS	1,260	1,520	260	20.6
AUTO REPAIR SERVICE ESTIMATORS	10	10	0	0.0
DATA PROCESSING MACH MECHANICS	10	10	0	0.0
FARM EQUIPMENT MECHANICS	10	10	0	0.0
HEAVY EQUIP MECHS, INCL DIESEL	1,090	1,320	230	21.1
ENGINEERING EQUIPMENT MECHANICS	140	170	30	21.4
HYDROELECTRIC MACHINE MECHS, ETC	10	10	0	0.0
MARINE MECHANICS/REPAIRERS	350	420	70	20.0
MAINTENANCE MECHANICS	580	710	130	22.4
SECTION REPAIRERS & SETTERS	10	10	0	0.0
HOUSEHOLD APPLIANCE MECHANICS	80	100	20	25.0
ELECTRIC METER INSTALLERS, ETC.	10	10	0	0.0
GAS METER INSTALLERS	10	10	0	0.0
HOUSEHOLD APPLIANCE INSTALLERS	30	40	10	33.3

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HOUSEHOLD APPLIANCE REPAIRERS	30	40	10	33.3
LOOM FIXERS	10	10	0	0.0
OFF MACH SERVICERS/CASH REG. SERV.	70	90	20	28.6
RADIO, TELEVISION REPAIRERS	150	200	50	33.3
RADIO MECHANICS	10	10	0	0.0
TV SERVICERS & REPAIRERS, ETC.	140	190	50	35.7
RAILROAD CAR SHOP REPAIRERS	30	40	10	33.3
SIGNAL MAINTAINERS	10	10	0	0.0
CAR REPAIRERS	20	30	10	50.0
OTHER MECHANICS & REPAIRERS	1,100	1,320	220	20.0
BICYCLE REPAIRERS	10	10	0	0.0
ELECTRIC MOTOR REPAIRERS	50	70	20	40.0
ELECTRICAL INSTRUMENT REPAIRERS	10	20	10	100.0
GUNSMITHS	20	20	0	0.0
INSTRUMENT REPAIRERS, OPTICAL	10	10	0	0.0
LOCKSMITHS	10	20	10	100.0
COIN MACHINE SERVICERS, REPAIRERS	30	30	0	0.0
SEWING MACHINE MECHANICS	20	20	0	0.0
PROTECTIVE SIGNAL INST/REPAIRERS	20	30	10	50.0
INSTRUMENT REPAIRERS	100	70	10	16.7
DIESEL MECHANICS	120	150	30	25.0
ELECTROMEDICAL EQUIPMT REPAIRERS	*	10	10	100.0
SIGN ERECTORS	10	10	0	0.0
ALL OTHER MECHANICS & REPAIR	730	850	120	16.4
PRINTING TRADE CRAFTS WKRS	260	310	50	19.2
BOOKBINDERS	30	40	10	33.3
BINDERY WORKERS	30	40	10	33.3
COMPOSITORS & TYPESETTERS	80	90	10	12.5
HAND COMPOSITORS	10	10	0	0.0
IMPOSERS & MAKEUP ARRANGERS	10	10	0	0.0
LINECASTING MACHINE OPERATORS	10	10	0	0.0
PHOTOTYPESETTING MACH MONITORS	*	10	10	100.0
LINECASTING MACH KEYBD OPERATORS	20	20	0	0.0
PASTEUP MEN/WOMEN	20	20	0	0.0
PHOTOTYPESETTING MACH KEYBD OPS	10	10	0	0.0
ELECTROTYPERS, STEREOTYPERS	*	10	10	100.0
STEREOTYPERS	*	10	10	100.0
ENGRAVERS, EX PHOTOENGRAVERS	10	10	0	0.0
ETCHERS &/OR ENGRAVERS	10	10	0	0.0
PHOTOENGRAVERS, LITHOGRAPHERS	40	40	0	0.0
STRIPPERS	10	10	0	0.0
CAMERA OPERATORS, PRINTING	10	10	0	0.0
PHOTOENGRAVERS	20	20	0	0.0
PRESS & PLATE PRINTERS	100	120	20	20.0
PRESS OPERATORS, PLATE PRINTERS	10	10	0	0.0
OFFSET LITHOGRAPHIC PRESS OPS.	60	70	10	16.7
PLATEMAKERS	*	10	10	10.0
LETTER PRESS OPERATORS	30	30	0	0.0
TRANSP, PUB. UTIL. CRAFT WORKERS	690	850	160	23.2
ELEC. POWER LINE INST, REPAIRERS	230	280	50	21.7
LINE INSTALLERS, REPAIRERS	210	260	50	23.8
TROUBLE SHOOTERS, POWER LINE	20	20	0	0.0
LOCOMOTIVE ENGINEERS	40	40	0	0.0
HOSTLERS	10	10	0	0.0
LOCOMOTIVE ENGINEERS	30	30	0	0.0
TELEPHONE INSTALLERS, REPAIRERS	420	520	100	23.8
INSTALLERS, REPAIRERS, SEC MAINTS.	10	20	10	100.0

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INSTALLERS, REPAIRERS, TELEPHONE	10	10	0	0.0
STATION INSTALLERS	150	180	30	20.0
TELEGRAPH EQUIPMT MAINTAINERS	10	10	0	0.0
CABLE REPAIRERS	30	40	10	33.3
FRAME WIPERS	20	20	0	0.0
CENTRAL OFFICE REPAIRERS	80	100	20	25.0
TROUBLE LOCATORS, TEST DESK	40	50	10	25.0
TELETYPE INSTALLERS	60	80	20	33.3
OTHER CRAFTS, KINDRED WORKERS	3,160	4,000	840	26.6
BAKERS	80	110	30	37.5
BAKERS	80	110	30	37.5
CABINETMAKERS	110	130	20	18.2
CARPET CUTTERS, CARPET LAYERS	50	60	10	20.0
CRANE, DERRICK, HOIST OCCUPS	210	290	80	38.1
CRANE, DERRICK, & HOIST OPERATORS	190	270	80	42.1
LOADER ENGINEERS	10	10	0	0.0
YARDER ENGINEERS	10	10	0	0.0
MERCHAN. DISPLAYERS & WIND. TRMRS.	20	30	10	50.0
DENTAL LAB. TECHNICIANS	40	50	10	25.0
FURNITURE FINISHERS	10	10	0	0.0
GLAZIERS	40	50	10	25.0
GLASS INSTALLERS	10	10	0	0.0
GLAZIERS	30	40	10	33.3
INSPECTORS, LOG & LUMBER	30	40	10	33.3
LOG INSPECTORS, GRADERS, SCALERS	10	10	0	0.0
LUMBER GRADERS	10	10	0	0.0
VENEER GRADERS	10	20	10	100.0
OTHER INSPECTION OCCUPATIONS	540	710	170	31.5
INSPECTORS	390	520	130	33.3
TESTERS	150	190	40	26.7
JEWELERS & WATCHMAKERS	30	40	10	33.3
JEWELERS &/OR SILVERSMITHS	10	10	0	0.0
WATCHMAKERS	20	30	10	50.0
MOTION PICTURE PROJECTIONISTS	30	40	10	33.3
OPTICIANS, LENS GRINDRS, POLSHRS.	40	50	10	25.0
OPTICIANS, DISP &/OR OPTIC MECHS	40	50	10	25.0
SHIPFITTERS	150	170	20	13.3
SHOE REPAIRERS	10	10	0	0.0
SHOE REPAIRERS	10	10	0	0.0
STATIONARY ENGINEERS	220	270	50	22.7
CONTROL ROOM OPERATORS, STEAM	20	30	10	50.0
STATIONARY ENGINEERS	100	120	20	20.0
TURBINE OPERATORS	10	10	0	0.0
WATER TREATMENT PLANT OPERATORS	70	80	10	14.3
SHIP ENGINEERS	20	30	10	50.0
TAILORS	130	150	20	15.4
ALTERATION TAILORS	120	140	20	16.7
SAMPLE MAKERS	10	10	0	0.0
UPHOLSTERERS	60	70	10	16.7
FURNITURE UPHOLSTERERS	40	50	10	25.0
UPHOLSTERERS	20	20	0	0.0
CRAFTS & KINDRED WORKERS, NEC	1,360	1,720	360	26.5
MACHINE SETTERS, WOODWORKING	10	10	0	0.0
SHIP RIGGERS	30	40	10	33.3
INSTRUCTORS, APPAREL & TEXT MACH	10	10	0	0.0
BOARD MACHINE SETTERS	20	20	0	0.0

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			1976 - 1982	
OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	NET CHANGE	PERCENT CHANGE
MAINTENANCE REPAIRERS, GEN. UTIL.	850	1,100	250	29.4
MOBILE HOME REPAIRERS	10	10	0	0.0
MUSICAL INSTRUMENTS REPAIRERS	10	20	10	100.0
ALL OTHER SKILLED CRAFTS WRK	420	510	90	21.4
OPERATIVES	16,350	20,060	3,710	22.7
OPERATIVES, EX TRANSPORTATION	9,490	11,870	2,380	25.1
SEMISKILLED METALWORKING OPS.	1,460	2,070	610	41.8
DRILL PRESS OPERATIVES	10	20	10	100.0
DRILL PRESS/BORING MACHINE OPS.	10	20	10	100.0
FURNACE TNDRS, SMELTERS, POURERS	10	10	0	0.0
GRINDING/ABRADING MACH OPS, METAL	30	60	30	100.0
LATHE, MILLING MACH OPERATIVES	90	140	50	55.6
VENEER LATHE OPERATORS	10	10	0	0.0
LATHE/TURN MACH OPERATORS, METAL	20	20	0	0.0
MILLING/PLANING MACHINE OPERATORS	60	110	50	83.3
METAL PLATERS	10	10	0	0.0
ELECTROPLATERS	10	10	0	0.0
OTHER PRECISION MACH OPR.	290	400	110	37.9
MACHINE TOOL OPERATORS, COMBO	130	180	50	38.5
MACHINE TOOL OPERATORS, NUM CONT.	70	110	40	57.1
WOOD MACHINISTS	60	70	10	16.7
MACHINE TOOL OPERATORS, TOOL ROOM	30	40	10	33.3
PUNCH, STAMPING PRESS OPS.	70	90	20	28.6
PUNCH PRESS OPERATORS, METAL	50	60	10	20.0
POWER BRAKE, BENDING MACH OPS MET.	20	30	10	50.0
WELDERS & FLAME CUTTERS	950	1,340	390	41.0
SEMISKILLED TEXTILE OP.	670	710	40	6.0
CARDING, LAPPING, COMBING OPS.	90	90	0	0.0
CARD GRINDERS	10	10	0	0.0
CARD TENDRS, COMBER TENDRS, ETC.	60	60	0	0.0
PICKER TENDERS	10	10	0	0.0
DRAWERS-IN, HAND	10	10	0	0.0
KNITTERS, LOOPERS, & TOPPERS	10	10	0	0.0
KNITTERS, FULL FASHIONED GARMENT	10	10	0	0.0
SPINNERS, TWISTERS, & WINDERS	330	360	30	9.1
BEAM WARPER TENDERS &/OR BEAMERS	10	20	10	100.0
BOBBIN WINDERS, MACH/SEWING MACH	10	10	0	0.0
CREELERS, YARN	60	70	10	16.7
DOFFERS	70	80	10	14.3
SPINNERS, FRAME	90	90	0	0.0
WINDER OPERATORS, AUTOMATIC	10	10	0	0.0
YARN WINDERS	80	80	0	0.0
WEAVERS	110	120	10	9.1
OTHER TEXTILE OPERATIVES	130	130	0	0.0
BURLERS	10	10	0	0.0
CLOTH FEEDERS &/OR BACK TENDERS	10	10	0	0.0
CLOTH FINISHING RANGE TNDRS, MDLE	10	10	0	0.0
CLOTH FINISHING RANGE OP, CHIEFS	20	20	0	0.0
CLOTH SHRINKING MACH OPERATORS	10	10	0	0.0
DRY CANS OPERATORS, CLOTH	10	10	0	0.0
HARNESS BUILDERS, LOOM CHNGRS, ETC.	10	10	0	0.0
TENTER FRAME OPERATORS	10	10	0	0.0
FOLDERS, HAND	40	40	0	0.0
SEMISKLD PACKING, INSPECTING OPS.	850	1,060	210	24.7
PACKERS, WRAPPERS, EX MEAT, PROD.	850	1,060	210	24.7

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PRODUCTION PACKAGERS	310	360	50	16.1
BUNDLERS	30	30	0	0.0
BAGGERS	510	670	160	31.4
OTHER OPERATIVES, EX TRANSPORT	6,510	8,030	1,520	23.3
ASBESTOS & INSULATION WORKERS	220	270	50	22.7
ASSEMBLERS	750	1,100	350	46.7
ASSEMBLERS, HAND	730	1,080	350	47.9
PLASTIC TOP INSTALLERS	10	10	0	0.0
CORE LAYERS/SHEET TURNERS	10	10	0	0.0
SURVEYORS HELPERS	110	140	30	27.3
CLOTHING IRONERS & PRESSERS	240	310	70	29.2
PRESSERS, HAND	10	20	10	100.0
PRESSERS, MACHINE	70	90	20	28.6
PRESSERS, MACHINE, LAUNDRY	150	190	40	26.7
SHAPERS & PRESSERS	10	10	0	0.0
CUTTING OPERATIVES, NEC	80	90	10	12.5
AUTOMATIVE CLIPPERS, VENEER	10	10	0	0.0
RUBBER GDS. CUTTER-FINISHER OPS.	10	20	10	100.0
SLITTER-CREASER-SLOTTER OPERATRS.	20	20	0	0.0
STAPLE CUTTERS/ST PROC MACH OPS.	20	20	0	0.0
CUTTING MACHINE OPERATORS, FOOD	10	10	0	0.0
PLANER OPERATORS	10	10	0	0.0
DRESSMAKERS, EX FACTORY	20	30	10	50.0
DRY WALL INSTALLERS, LATHERS	70	80	10	14.3
DRY WALL APPLICATORS	40	40	0	0.0
LATHERS	10	10	0	0.0
TAPERS	20	30	10	50.0
DYERS	30	30	0	0.0
FILERS, POLISHRS, SANDRS, BUFFRS.	310	510	200	64.5
FILERS, GRINDERS, BUFFERS, CHIPPERS	290	480	190	65.5
SANDBLASTERS/SHOTBLASTERS	20	30	10	50.0
GARAGE WORKERS, GAS STATION ATTNS.	860	990	130	15.1
FUEL PUMP ATTENDANTS, LUBRICATORS	720	820	100	13.9
TIRE CHANGERS	140	170	30	21.4
LAUNDRY, DRYCLEANING OPS, NEC	320	410	90	28.1
MARKERS, CLASSIFIERS, ASSEMBLERS	100	120	20	20.0
SPOTTERS, DRYCLEANING	10	10	0	0.0
SPOTTERS, WASHABLE MATERIALS	*	10	10	100.0
WASHERS, MACH &/OR STARCHERS	70	90	20	28.6
TUMBLER OPERATORS	*	10	10	100.0
DRYCLEANING MACHINE OPERATORS	30	30	0	0.0
DRYCLEANERS, HAND	*	10	10	100.0
LAUNDRY OPERATORS, SM ESTABLHMT.	60	70	10	16.7
RUG CLEANERS, HAND	10	10	0	0.0
RUG CLEANERS, MACHINE	10	10	0	0.0
FOLDERS, LAUNDRY	30	40	10	33.3
MEAT CUTTERS, BUTCHERS	20	20	0	0.0
BONERS, MEAT	10	10	0	0.0
MINE OPERATIVES, NEC	10	10	0	0.0
MIXING OPERATIVES	20	20	0	0.0
ASPHALT-PLANT OPERATORS	10	10	0	0.0
MIXERS, FOOD & TOBACCO	10	10	0	0.0
OILERS	60	70	10	16.7
PAINTERS, MFG ARTICLES	130	170	40	30.8
PAINTERS, AUTOMOTIVE	40	50	10	25.0
PAINTERS, PRODUCTION	90	120	30	33.3

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
PLANNING DISTRICT IX, S.C.
1976 AND PROJECTED 1982

			1976 - 1982	
OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	NET CHANGE	PERCENT CHANGE
PHOTOGRAPHIC PROCESS WORKERS	50	60	10	20.0
DEVELOPERS, PROJECTION PRINTERS	20	20	0	0.0
MULTIPLE PHOTO PRINTER OPERATORS	10	10	0	0.0
PHOTO CHECKERS & ASSEMBLERS	10	20	10	100.0
COPY CAMERA OPERATORS	10	10	0	0.0
RIVETERS & FASTENERS	10	10	0	0.0
NAILING MACHINE OPERATORS	10	10	0	0.0
SAILORS AND DECKHANDS	90	120	30	33.3
ORDINARY SEAMAN	90	120	30	33.3
SAWYERS	120	120	0	0.0
CUT-OFF SAW OPERATORS, LUMBER	20	20	0	0.0
EDGERS, AUTOMATIC &/OR PONY	10	10	0	0.0
GANG SAWYERS	10	10	0	0.0
HEAD SAWYERS	30	30	0	0.0
RESAWYERS	10	10	0	0.0
RIPSAW OPERATORS	10	10	0	0.0
SAWYERS, METAL	10	10	0	0.0
TRIM SAW OPERATORS	10	10	0	0.0
VARIETY SAW OPERATORS	10	10	0	0.0
SEWERS & STITCHERS	1,140	1,220	80	7.0
MENDERS	20	20	0	0.0
SEWING MACH OPS, REG EQMT, NONGAR.	40	40	0	0.0
GARMENT REPAIRERS	10	20	10	100.0
MENDERS, CLOTH	20	20	0	0.0
SEWING MACH. OPS. SPEC EQMT, NONGAR.	20	30	10	50.0
SEWING MACH OPS, SPEC EQMT, GAR.	120	120	0	0.0
SEWING MACH OPS, REG EQMT, GARMENT	910	970	60	6.6
SHOEMAKING MACHINE OPS.	10	10	0	0.0
FURNACE TNDRS, STOKRS, EX. METAL	100	120	20	20.0
STATIONARY BOILER FIRERS	80	100	20	25.0
KILN OPERATORS, MINERALS	20	20	0	0.0
WINDING OPERATIVES, NEC	100	100	0	0.0
PAPER REEL OPS, REWINDER OPS.	50	50	0	0.0
WINDERS, PAPER MACHINE	40	40	0	0.0
COIL WINDERS	10	10	0	0.0
MISC MACH. OPS, MEAT & DAIRY PROD.	30	30	0	0.0
DAIRY PROCESSING EQMT. OPERATORS	20	20	0	0.0
MISC. MACH OPS, ALL OTHER FOOD PROD.	30	30	0	0.0
DOUGHNUT MAKRS/DOUGHNUT MACH. OPS.	10	10	0	0.0
BATTER SCALERS	10	10	0	0.0
MISC. MACH OPS, TEXTILE MILL PROD.	40	40	0	0.0
BLENDING MACHINE OPERATORS	10	10	0	0.0
FOLDING MACHINE OPERATORS	20	20	0	0.0
MISC. MACH OPS, LUMBER PROD, FURN.	60	60	0	0.0
VENEER DRIERS	20	20	0	0.0
HOT PLATE PLYWOOD PRESS OPS.	10	10	0	0.0
POWER BARKER OPERATORS	20	20	0	0.0
MISC. MACH OPS, PAPER, ALLIED PROD.	540	560	20	3.7
PULP REFINER OPERATORS	20	20	0	0.0
PULPERS	50	50	0	0.0
RECOVERY OPERATORS, PAPERMAKING	10	10	0	0.0
WET MACHINE TENDERS	160	160	0	0.0
EVAPORATOR OPERATORS, PAPERMAKING	10	10	0	0.0
FOURDRINIER MACHINE TENDERS	30	30	0	0.0
BACK TENDERS	50	60	10	20.0
BEATERS	30	30	0	0.0
BEATER ENGINEERS	30	30	0	0.0
BLEACHER OPERATORS, PULP	10	10	0	0.0
DIGESTER OPERATORS	20	20	0	0.0
CYLINDER MACHINE TENDERS	40	50	10	25.0
COATER OPERATORS, OFF-MACHINE	10	10	0	0.0
BROWN STOCK WASHERS, BLOW PIT OPS.	10	10	0	0.0
BAG MACHINE OPERATORS	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
PLANNING DISTRICT IX, S.C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
FOURTH/FIFTH HANDS, PAPER MACHINE	50	50	0	0.0
MISC. MACH OPS, CHEM, ALLIED PROD.	290	440	150	51.7
SPINNERS, SYNTHETIC FILAMENTS	30	40	10	0.0
DRAW MACHINE OPERATORS	20	30	10	50.0
CHEMICAL OPERATOR HELPERS	100	150	50	50.0
CHEMICAL OPERATORS A	30	50	20	66.7
CHEMICAL OPERATORS B	90	140	50	55.6
GRINDER OPERATORS, CHEMICAL	10	10	0	0.0
CHIEF OPERATORS	10	20	10	100.0
MISC. MACH OPS, PETROL, COAL PROD.	10	10	0	0.0
MISC. MACH OPS, RUBBER, MISC PLASTIC	80	160	80	100.0
RUBBER MILL OPERATORS	10	10	0	0.0
RUBBER GRINDER-FINISHER OPERATORS	10	30	20	200.0
SPLICERS	*	10	10	100.0
PRESS TENDERS, RUBBER GOODS	10	10	0	0.0
CALENDAR OPERATORS, PLASTIC	*	10	10	100.0
BELT BUILDERS	20	40	20	100.0
DIPPING MACHINE OPERATORS	10	20	10	100.0
COMPR &/OR INJECT MOLD MACHINE OPERATORS, PLASTIC	*	10	10	10.0
EXTRUDER OPERATOR HELPERS	10	10	0	0.0
MISC. MACHINE OPS, STONE, CLAY, GLASS	50	60	10	20.0
CAGE MAKERS, HAND OR MACHINE	*	*	*	*
BLOCKMAKING MACHINE OPERATORS	10	10	0	0.0
CONCRETE STONE FABRICATORS	10	10	0	0.0
BRAIDING MACHINE OPERATORS	20	20	0	0.0
BRICK & TILE MAKING MACH. OPS.	10	10	0	0.0
MISC. MACH OPS, PRIMARY METALS	10	10	0	0.0
INSULATING EXTRUDING MACHINE OPS.	10	10	0	0.0
MISC. MACH. OPS, MFG, NEC	190	230	40	21.0
CHIPPERS	20	20	0	0.0
LAMINATORS, PREFORMS	100	120	20	20.0
ENCAPSULATORS	*	10	10	100.0
COATERS, ROOFING FELT	10	10	0	0.0
LOADING MACHINE OPERATORS	50	60	10	20.0
MISC. MACH OPS, NONMFG.	80	100	20	25.0
TIRE FABRICATORS, REPAIRERS	80	100	20	25.0
OPERATIVES, NEC. DURABLE GOODS	50	50	0	0.0
PIPE STRIPPERS	*	10	10	100.0
VENEER REPAIRERS, HAND	10	10	0	0.0
OPERATIVES, NEC, NONDURABLE GOODS	110	150	40	36.4
CURERS, RUBBER GOODS	20	30	10	50.0
BAKER HELPERS	10	10	0	0.0
CALENDAR OPERATOR HELPERS	10	20	10	100.0
CALENDAR OPERATOR HELPERS	10	20	10	100.0
DIGESTER OPERATOR HELPERS	20	20	0	0.0
POULTRY DRESSERS, EVISCERATORS	10	10	0	0.0
THREAD TRIMMERS	10	20	10	100.0
PRESS ASSISTANTS & FEEDERS	10	10	0	0.0
MAILERS	10	10	0	0.0
OPERATIVES, NEC, NONMFG	70	90	20	28.6
BILLPOSTERS	*	10	10	100.0
EXTERMINATORS	40	50	10	25.0
TERMITE TREATERS	20	20	0	0.0
TERMITE TREATER HELPERS	10	10	0	0.0
TRANSPORT EQUIPMENT OPERATIVES	5,020	5,990	970	19.3
BUS DRIVERS	280	310	30	10.7
DELIVERY & ROUTE WORKERS	1,220	1,450	230	18.9
FORK LIFT, TOW MOTOR OPS.	480	580	100	20.8
INDUSTRIAL TRUCK OPERATORS	460	560	100	21.7

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
PLANNING DISTRICT IX, S.C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	ESTIMATED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
LOG HANDLING EQUIPMENT OPERATORS	20	20	0	0.0
TAXICAB DRIVERS, CHAUFFEURS	100	110	10	10.0
AMBULANCE DRIVER	50	60	10	20.0
TAXI DRIVERS	30	30	0	0.0
CHAUFFEURS	10	10	0	0.0
TRUCK DRIVERS	2,940	3,540	600	20.4
TRUCK DRIVERS	2,940	3,540	600	20.4
ALL OTHER SEMISKILLED WORKERS	1,840	2,200	360	19.6
SERVICE WORKERS	17,880	22,480	4,600	25.7
CLEANING SERVICE WORKERS	4,140	5,160	1,020	24.6
JANITORS & SEXTONS	4,140	5,160	1,020	24.6
FOOD SERVICE WORKERS	7,230	9,280	2,050	28.3
BAKERS, BREAD &/OR PASTRY	80	100	20	25.0
BARTENDERS	100	130	30	30.0
WAITERS ASSISTANTS	400	520	120	30.0
COOKS, EX PRIVATE	1,750	2,200	450	25.7
COOKS, SHORT ORDER/SPEC FAST FOOD	500	660	160	32.0
COOKS, RESTAURANT	380	500	120	31.6
COOKS, INSTITUTIONAL	870	1,040	170	19.5
BUTCHERS, MEAT CUTTERS	390	500	110	28.2
WAITERS	1,800	2,350	550	30.6
HOSTS/HOSTESSES, REST., LNGE, COFFEE SHOP	70	90	20	28.6
WAITERS OR WAITRESSES	1,730	2,260	530	30.6
FOOD WORKERS, NEC, EX PRIVATE	2,710	3,480	770	28.4
FD PREP & SERV WKRS, FAST FOOD RESTAURANT	890	1,160	270	30.3
PANTRY, SANDWICH, &/OR COFFEE MAKERS	80	100	20	25.0
ALL OTHER FOOD SERVICE WORKERS	1,740	2,220	480	27.6
HEALTH SERVICE WORKERS	1,830	2,340	510	27.9
NURSES AIDES, ORDERLIES	1,830	2,340	510	27.9
NURSES AIDE/ORDERLY	1,830	2,340	510	27.9
PERSONAL SERVICE WORKERS	1,080	1,340	260	24.1
ATTNS, RECREATION, AMUSEMENT	160	200	40	25.0
GAME OPS, RIDE OPS, CONCESS WKRS	10	20	10	100.0
PIN CHASERS	10	10	0	0.0
LIFEGUARDS	*	10	10	100.0
ATTNS, PERSONAL SERVICE, NEC	180	230	50	27.8
COSTUMER	50	60	10	20.0
FUNERAL ATTENDANTS	20	30	10	100.0
MASSEURS OR MASSEUSES	10	10	0	0.0
INSTRUCTORS, REDUCING	50	60	10	20.0
HOUSEKEEPERS, HOTEL & MOTEL	50	70	20	40.0
BAGGAGE PORTERS & BELLHOPS	40	60	20	50.0
BELLHOPS, BAG PORTERS, DRKPRS, ETC	40	60	20	50.0
BARBERS	40	50	10	25.0
CHILD CARE WORKERS, EX PRIVATE	150	180	30	20.0
CHILD CARE ATTENDANTS	*	10	10	100.0
CHILD CARE WORKERS	150	170	20	13.3
ELEVATOR OPERATORS	10	10	0	0.0
HAIRDRESSERS, COSMETOLOGISTS	360	460	100	27.8
COSMETOLOGISTS/WM'S HAIRSTYLISTS	340	430	90	26.5
SCALP TREATMENT OPERATORS	10	10	0	0.0
SHAMPOOERS	10	20	10	100.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
PLANNING DISTRICT IX, S.C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
HEAD LOADERS	10	10	0	0.0
SECOND LOADERS	10	10	0	0.0
STOCK HANDLERS	1,070	1,350	280	26.2
ORDER FILLERS	270	340	70	25.9
STOCK CLERKS, SALES FLOOR	800	1,010	210	26.2
OTHER LABORERS	7,340	9,110	1,770	24.1
SETTERS &/OR DRAWERS	10	20	10	100.0
RIGGERS	170	200	30	17.6
HELPER, TRADES	1,960	2,460	500	25.5
LINE SERVICE ATTENDANTS	20	20	0	0.0
FOREST CONVERSATION WORKERS	150	180	30	20.0
ALL OTHER UNSKILLED WORKERS	5,030	6,230	1,200	23.9

SOURCE: Manpower Research and Analysis, South Carolina Employment Security Commission.

1/ Occupation employment on OES Survey based matrix does not include farm workers, unpaid family workers, workers in private households, and military personnel.

NOTE: No occupation rounded to less than 10 is published.

NONFARM WAGE AND SALARY EMPLOYMENT BY MAJOR INDUSTRY IN COLUMBIA SMSA SOUTH CAROLINA 1976 AND PROJECTED 1982

	ESTIMATED 1976	PROJECTED 1982	NET CHANGE 1976-1982	PERCENT CHANGE 1976-1982
TOTAL ALL INDUSTRIES [1]	148,480	183,830	35,350	23.8
MINING	340	370	30	8.8
CONSTRUCTION	6,720	9,000	2,280	33.9
MANUFACTURING	23,040	27,400	4,360	18.9
DURABLE GOODS	10,400	13,260	2,860	27.5
LUMBER & WOOD PROD.	440	400	-40	-9.1
FURN. & FIXTURES	80	60	-20	-2.5
STONES, CLAY & GLASS	990	1,100	110	11.1
PRIMARY METALS	590	950	360	61.0
FABRICATED METALS	2,190	2,700	510	23.3
MACH., EXC. ELECT.	2,150	3,500	1,350	62.8
ELECT. MACH.	1,970	2,300	330	16.8
TRANS. EQUIP.	750	1,000	250	33.3
INSTRUMENTS	70	50	-20	28.6
MISC. MANUFACTURING	1,170	1,200	30	2.5
NONDURABLE GOODS	12,640	14,140	1,500	11.9
FOOD & KINDRED PROD.	1,410	1,560	150	10.6
TOBACCO	0	0	0	0
TEXTILE MILL PROD.	3,490	3,700	210	6.0
APPAREL & TEX. PROD.	2,260	2,400	140	6.2
PAPER & ALLIED PROD.	630	950	320	50.8
PRINTING & PUBLISHING	1,730	1,850	120	6.9
CHEMICALS & ALLIED PROD.	2,770	3,300	530	19.1
PETROLEUM & COAL	30	30	0	0
RUBBER & PLASTIC PROD.	320	350	30	9.4
LEATHER PROD.	0	0	0	0
TRANS., COMM., & P.U.	8,140	9,420	1,280	15.7
WHOLESALE & RETAIL TRADE	30,900	41,480	10,580	34.2
FIN., INS., & REAL ESTATE	11,250	14,640	3,390	30.1
SERVICES	45,470	55,200	9,730	21.4
GOVERNMENT [2]	22,620	26,320	3,700	16.4

SOURCE: Manpower Research and Analysis, South Carolina Employment Security Commission.

[1] Excludes agricultural production workers, self-employed, unpaid family workers, workers in private households, and military personnel.

[2] Includes all Federal Government employees, all State and Local Government employees except those in education and hospitals which are included in Services.

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION 1	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	PERCENT CHANGE
TOTAL, ALL OCCUPATIONS	148,480	183,620	35,340	23.8
PROFESSIONAL, TECHNICAL, KINDRED	26,810	32,540	5,730	21.4
ENGINEERS	1,630	1,990	360	22.1
AERO-ASTRONAUTIC ENGINEERS	10	10	0	0
CHEMICAL ENGINEERS	70	90	20	28.6
CIVIL ENGINEERS	300	370	70	23.3
ELECTRICAL ENGINEERS	200	240	40	20.0
INDUSTRIAL ENGINEERS	160	190	30	18.8
MECHANICAL ENGINEERS	280	340	60	21.4
METALLURGICAL ENGINEERS	10	20	10	100.0
MINING ENGINEERS	*	10	10	100.0
OTHER ENGINEERS	600	720	120	20.0
NUCLEAR ENGINEERS	40	40	0	0
ALL OTHER ENGINEERS	560	680	120	21.4
LIFE & PHYSICAL SCIENTISTS	280	320	40	14.3
AGRICULTURAL SCIENTISTS	20	30	10	50.0
ATMOSPHERIC SCIENTISTS	10	10	0	0
LIFE SCIENTISTS	50	60	10	20.0
BIOLOGICAL SCIENTISTS	40	50	10	25.0
MEDICAL SCIENTISTS	10	10	0	0
CHEMISTS	70	80	10	14.3
GEOLOGISTS	10	10	0	0
PHYSICISTS	40	40	0	0
LIFE, PHYSICAL SCIENTISTS, NEC	80	90	10	12.5
MATHEMATICAL SPECIALISTS	90	110	20	22.2
MATHEMATICAL SCIENTISTS	30	40	10	33.3
MATHEMATICIANS	10	20	10	100.0
ALL OTHER MATH SCIENTISTS	20	20	0	0
STATISTICIANS	60	70	10	16.7
ENGINEERING, SCIENCE TECHNICIANS	1,600	1,940	340	21.2
DRAFTERS	380	480	100	26.3
ELECTRICAL, ELECTRONIC TECHNICIANS	520	630	110	21.2
ELECTRICAL & ELECTRONIC TECHNICANS	500	600	100	20.0
BROADCAST TECHNICIANS	20	30	10	50.0
MATHEMATICAL TECHNICIANS	10	10	0	0
MECHANICAL ENGINEERING TECHNCIANS	140	160	20	14.3
SURVEYORS	70	90	20	14.3
ENGINEERING, SCIENCE TECHNICIANS, NEC	480	570	90	18.8
ALL OTHER ENGINEERING TECHNICIANS	310	360	50	16.1
ALL OTHER SCIENCE TECHNICIANS	170	210	40	23.5
MEDICAL WORKERS, EX. TECHNICIANS	3,100	3,830	730	23.5
DENTISTS	60	80	20	33.3
DIETITIANS	110	140	30	27.3
NURSES & PHYSICIANS ASSTS.	2,120	2,610	490	23.1
NURSES, PROFESSIONAL	2,100	2,580	480	22.9
PHYSICIANS ASSISTANTS	20	30	10	33.3
PHARMACISTS	190	230	40	21.1
PHYSICIANS, MED. & OSTEOPATH	440	550	110	25.0
THERAPISTS	180	220	40	22.2
OCCUPATIONAL THERAPISTS	20	20	0	0
SPEECH & HEARING CLINICIANS, ETC.	40	50	10	33.3
PHYSICAL THERAPISTS	40	40	0	0
INHALATION THERAPISTS	80	110	30	37.5

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
HEALTH TECHNOLS. & TECHNS.	2,480	3,090	610	24.6
CLINICAL LAB TECHNOL., TECHNS.	400	490	90	22.5
MEDICAL LAB TECHNOLOGISTS	180	220	40	22.2
CYTOTECHNOLOGISTS	10	10	0	0
MEDICAL LAB ASSISTANTS	210	260	50	23.8
DENTAL HYGIENISTS & ASSISTANTS	240	320	80	33.3
DENTAL ASSISTANTS	180	250	70	38.9
DENTAL HYGIENISTS	60	70	10	16.7
HEALTH RECORD TECHNOLS., TECHNS.	110	130	20	18.2
RADIOLOGIC TECHNOLS., TECHNS.	200	250	50	25.0
X-RAY TECHNICIANS	170	210	40	23.5
NUCLEAR MEDICINE TECHNOLOGISTS	10	20	10	100.0
RADIATION THERAPY TECHNOLOGIST	20	20	0	0
OTHER HEALTH TECHNOLS., TECHNS.	1,530	1,900	370	24.2
SURGICAL TECHNICIANS	100	130	30	30.0
EKG TECHNICIANS	40	50	10	25.0
EEG TECHNICIANS	10	10	0	0
PHARMACY HELPERS	50	60	10	20.0
LICENSED PRACTICAL NURSES	1,010	1,260	250	24.8
ALL OTHER MEDICAL & DENTAL TECHNS.	320	390	70	21.9
TECHNICIANS, EX. HEALTH OR SCIENCE	290	340	50	17.2
AIRPLANE PILOTS	70	90	20	28.6
AIR TRAFFIC CONTROLLERS	60	60	0	0
EMBALMERS	30	30	0	0
EMBALMERS	30	30	0	0
TOOL PROGRAMERS, NUMERICAL CONTROL	10	10	0	0
OTHER TECHNS., EX HEALTH OR SCIENCE	120	150	30	25.0
ALL OTHER TECHNICIANS	120	150	30	25.0
COMPUTER SPECIALISTS	380	460	80	21.1
COMPUTER PROGRAMERS	220	270	50	22.7
COMPUTER SYSTEMS ANALYSIS	160	190	30	18.8
SOCIAL SCIENTISTS	200	240	40	20.0
ECONOMISTS	20	20	0	0
ECONOMISTS	20	20	0	0
PSYCHOLOGISTS	40	50	10	25.0
SOCIOLOGISTS	10	10	0	0
URBAN & REGIONAL PLANNERS	90	110	20	22.2
OTHER SOCIAL SCIENTISTS	40	50	10	25.0
TEACHERS	8,240	9,740	1,500	18.2
ADULT EDUCATION TEACHERS	360	420	60	16.7
COLLEGE & UNIVERSITY TEACHERS	1,300	1,530	230	17.7
TEACHERS, COLLEGE	1,000	1,180	180	18.0
GRADUATE ASSISTANTS	290	340	50	17.2
EXTENSION SERVICE SPECIALISTS	10	10	0	0
ELEMENTARY SCHOOL TEACHERS	3.250	3,840	590	18.2
PRESCHOOL, KINDERGIN TEACHERS	670	790	120	17.9
SECONDARY SCHOOL TEACHERS	2,270	2,680	410	18.1
TEACHERS, NEC	390	480	90	23.1
DANCE INSTRUCTORS	50	70	20	40.0
ALL OTHER TEACHERS	340	410	70	20.6

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
WRITERS, ARTISTS, & ENTERTAINERS	880	1,070	190	21.6
ATHLETES & KINDRED WORKERS	30	40	10	33.3
SPORTS INSTRUCTORS	30	40	10	33.3
DESIGNERS	140	180	40	28.6
DESIGNERS	140	180	40	28.6
EDITORS & REPORTERS	190	210	20	10.5
WRITERS &/OR EDITORS	110	120	10	9.1
REPORTERS & CORRESPONDENTS	80	90	10	12.5
MUSICIANS	210	260	50	23.8
MUSICIANS, INSTRUMENTAL	210	260	50	23.8
PHOTOGRAPHERS	60	70	10	16.7
PHOTOGRAPHERS	50	60	10	20.0
TELEVISION CAMERA OPERATORS	10	10	0	0.0
PUBLIC RELATIONS SPECIALISTS	130	160	30	23.1
RADIO, TV ANNOUNCERS	120	150	30	25.0
ANNOUNCERS	110	130	20	18.2
BROADCAST NEWS ANALYSTS	10	20	10	100.0
OTHER PROFESSIONAL & TECHNICAL WORKERS	7,640	9,410	1,770	23.2
ACCOUNTANTS	1,180	1,450	270	22.9
ACCOUNTANTS & AUDITORS	940	1,160	220	23.4
TAX EXAMINERS, COLLECTORS, REV. AGENTS	90	100	10	12.5
TAX PREPARERS	150	190	40	26.7
ARCHITECTS	70	90	20	28.6
BUYERS & PURCHASING AGENTS	610	830	220	36.1
PURCHASING AGENTS &/OR BUYERS	190	230	40	21.1
MEDIA BUYERS	10	10	0	0.0
BUYERS, RETAIL &/OR WHOLESALE TRADE	410	590	180	43.9
CLERGY	370	450	80	21.6
DIRECTORS, RELIGIOUS ACTIVITIES &/OR RELIGIOUS EDUCATION	70	80	10	14.3
FORESTERS	80	90	10	12.5
JUDGES	40	40	0	0.0
JUDGES	10	10	0	0.0
MAGISTRATE	30	30	0	0.0
LAWYERS & KINDRED WORKERS	330	460	130	39.4
LAW CLERKS	60	90	30	50.0
LAWYERS	250	340	90	36.0
PARALEGAL PERSONNEL	20	30	10	50.0
LIBRARIANS	700	830	130	18.6
LIBRARIANS	630	750	120	19.0
AUDIO VISUAL SPECIALISTS	70	80	10	14.3
PERSONNEL, LABOR RELATIONS SPECIALISTS	520	640	120	23.1
PERSONNEL, LABOR RELATIONS SPECIALISTS	200	240	40	20.0
EMPLOYMENT INTERVIEWERS	320	400	80	25.0
RECREATION WORKERS	100	120	20	20.0
SOCIAL WORKERS	1,060	1,290	230	21.7
CASEWORKERS	1,050	1,280	230	21.9
COMMUNITY ORGANIZATION WORKERS	10	10	0	0.0
VOCATIONAL, EDUCATION COUNSELORS	240	290	50	20.8
ALL OTHER PROFESSIONAL WORKERS	2,270	2,750	480	21.1
TECHNICAL DIRECTORS	10	10	0	0.0
SAFETY INSPECTORS	40	50	10	25.0
UNDERWRITERS	110	130	20	18.2

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
COST ESTIMATORS	80	110	30	37.5
CREDIT ANALYST	10	20	10	100.0
CREDIT ANALYSTS	50	60	10	20.0
TITLE EXAMINERS &/OR ABSTRACTORS	20	20	0	0.0
APPRAISERS, REAL ESTATE	50	60	10	20.0
ASSESSORS	20	20	0	0.0
CLAIMS TAKERS, UNEMPLOYMENT BENEFITS	20	30	10	50.0
SPECIAL AGENTS, INSURANCE	10	10	0	0.0
TRAVEL AGTS., TRAVEL ACCOM. APPRAISERS	10	10	0	0.0
CLAIM EXAMINERS, PRPTY./CSLTY INSURANCE	20	20	0	0.0
ALL OTHER PROFESSIONAL	1,820	2,200	380	20.9
MANAGERS, OFFICIALS, PROPRIETORS	12,330	15,450	3,120	25.3
SALES MANAGERS	480	600	120	25.0
SALES MANAGERS, RETAIL TRADE	480	600	120	25.0
ADMINISTRATORS, PUB. INSPECTORS	380	440	60	15.8
CONSTRUCTION INSPECTORS, PUB. ADM.	120	140	20	16.7
INSPECTORS, EX CONST., PUB. ADM.	170	200	30	17.6
POSTMASTERS & MAIL SUPERINTENDENTS	90	100	10	11.1
OTHER MANAGERS, OFFICIALS, PROPS.	11,470	14,410	2,940	25.6
RAILROAD CONDUCTORS	40	50	10	25.0
OTHER MANAGERS, ADMINISTRATORS	11,430	14,360	2,930	25.6
MANAGERS, STORE	1,450	1,980	530	36.6
MANAGERS, AUTO SERVICE DEPT.	90	110	20	22.2
MANAGERS, AUTO PARTS DEPT.	70	80	10	14.3
WHOLESALERS	340	380	40	11.8
ALL OTHER MANAGERS	9,480	11,810	2,330	24.6
SALES WORKERS	9,170	12,180	3,010	32.8
DEMONSTRATORS	290	350	60	20.7
INSURANCE AGENTS, BROKERS, ETC	1,490	1.780	290	19.5
SALES AGENTS, SALES REPS., INSURANCE	1,490	1,780	290	19.5
REAL ESTATE AGENTS, BROKERS	140	190	50	35.7
REAL ESTATE BROKERS	30	40	10	33.3
SALES AGENTS, SALES REPS., REAL ESTATE	110	150	40	36.4
STOCK & BOND SALES AGENTS	80	90	10	12.5
SALES AGENTS, SALES REPS., SECURITY	80	90	10	12.5
OTHER SALES WORKERS	7,170	9,770	2,600	36.3
SALES CLERKS	3,970	5,840	1,870	47.1
CRATING & MOVING ESTIMATORS	10	10	0	0.0
ALL OTHER SALES WORKERS	3,190	3,970	730	22.9
CLERICAL WORKERS	30,560	38,210	7,650	35.0
STENOS, TYPISTS, SECRETARIES	6,890	8,470	1,580	22.9
SECRETARIES	4,450	5,540	1,090	24.5
STENOGRAPHERS	910	1,100	190	20.9
TYPISTS	1,530	1,830	300	19.6
OFFICE MACHINE OPERATORS	1,380	1,740	360	26.1
BOOKKEEPING, BILLING OPERATORS	600	790	190	31.7
BOOKKEEPING/BILLING MACHINE OPERS.	400	490	90	22.5
PROOF MACHINE OPERATORS	190	290	100	52.6
TRANSIT CLERKS	10	10	0	0.0
COMPUTER, PERIPHERAL EQUIPMENT OPERS.	250	310	60	24.0
COMPUTER OPERATORS	200	250	50	25.0
PERIPHERAL EDP EQUIPMENT OPERATORS	50	60	10	20.0
DUPLICATING MACHINE OPERATORS	30	40	10	33.3

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
KEYPUNCH OPERATORS	410	490	80	19.5
TABULATING MACHINE OPERATORS	20	20	0	0.0
ALL OTHER OFFICE MACHINE OPERATORS	70	90	20	28.6
OTHER CLERICAL WORKERS	22,290	28,000	5,710	25.6
BANK TELLERS	1,270	1,800	530	41.7
NEW ACCOUNTS TELLERS	160	230	70	43.8
TELLERS	1,110	1,570	460	41.4
BOOKKEEPERS	2,230	2,820	590	26.5
ACCOUNTING CLERKS	840	1,040	200	23.8
BOOKKEEPERS, HAND	1,390	1,780	390	28.1
CASHIERS	2,280	3,160	880	38.6
CLERICAL SUPERVISORS	670	880	210	31.3
COLLECTORS, BILL & ACCOUNT	270	350	80	29.6
COUNTER CLERKS, EX FOOD	470	560	90	19.1
CAR RENTAL CLERKS	40	40	0	0.0
DESK CLERKS	140	160	20	14.3
ORDER CLERKS	250	300	50	20.0
CIRCULATION CLERKS	10	20	10	100.0
CLASSIFIED AD CLERKS, NEWSPAPER	10	10	0	0.0
TELEPHONE AD TAKERS, NEWSPAPER	10	10	0	0.0
DESK CLERKS, BOWLING FLOOR	10	20	10	100.0
DISPATCHERS, STARTERS, VEHICLE	20	30	10	50.0
DISPATCHERS, POLICE, FIRE, AMBULANCE	20	30	10	50.0
ESTIMATORS, INVESTIGATORS, NEC	230	300	70	30.4
ADJUSTMENT CLERKS	50	90	40	80.0
CLAIMS CLERKS	100	120	20	20.0
CREDIT REPORTERS	40	50	10	25.0
LOAN CLOSERS, NEW CONSTRUCTION	30	30	0	0.0
CUSTOMER SERVICE REPS., PRINT & PUBL.	10	10	0	0.0
PRODUCTION CLERKS	310	380	70	22.6
FILE CLERKS	560	700	140	25.0
FILE CLERKS	370	470	100	27.0
PERSONNEL CLERKS	180	220	40	22.2
ADMISSIONS EVALUATORS	10	10	0	0.0
CLAIM ADJUSTERS	150	180	30	20.0
CLAIM EXAMINERS, INSURANCE	40	50	10	25.0
CLAIM ADJUSTERS	110	130	20	18.2
LIBRARY ASSISTANTS	230	270	40	17.4
MAIL CARRIERS, POSTAL SERVICE	1,000	1,080	80	8.0
MESSENGERS & OFFICE HELPERS	80	110	30	37.5
MESSENGERS, BANK	10	20	10	100.0
MESSENGERS	70	90	20	28.6
METER READERS, UTILITIES	60	70	10	16.7
PAYROLL, TIME KEEPING CLERKS	240	290	50	20.8
POSTAL CLERKS	270	290	20	7.4
PROOFREADERS	40	40	0	0.0
RECEPTIONISTS	930	1,170	240	25.8
RECEPTIONISTS	600	760	160	26.7
SWITCHBOARD OPERS./RECEPTIONISTS	320	400	80	25.0
TRAVEL COUNSELORS, AUTO CLUB	10	10	0	0.0
SHIPPING, RECEIVING CLERKS	1,040	1,240	200	19.2
SHIPPING & RECEIVING CLERKS	590	720	130	22.0
SHIPPING PACKERS	450	520	70	15.6
STATISTICAL CLERKS	210	250	40	19.0
ACTUARIAL CLERKS	10	20	10	100.0
BROKERAGE CLERKS	10	10	0	0.0
RATERS	130	160	30	23.1
METER READERS, TAXI	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
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OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
COURT CLERKS	20	20	0	0.0
INSURANCE CHECKERS	30	30	0	0.0
STOCK CLERKS, STORE KEEPERS	1,330	1,680	350	26.3
PROCUREMENT CLERKS	50	60	10	20.0
STOCK CLERKS, STOCKROOM, WAREHOUSE, ETC	1,280	1,620	340	26.6
TELEGRAPH OPERATORS	10	10	0	0.0
TELEPHONE OPERATORS	940	1,150	210	22.3
SWITCHBOARD OPERATORS	260	330	70	26.9
CENTRAL OFFICE OPERATORS	600	720	120	20.0
DIRECTORY ASSISTANCE OPERATORS	60	70	10	16.7
PRIVATE BRANCH SERVICE ADVISORS	10	20	10	100.0
SERVICE OBSERVERS	10	10	0	0.0
TICKET, STATION, EXPRESS AGENTS	70	80	10	14.3
STATION AGENTS	10	10	0	0.0
TRANSPORTATION AGENTS	60	70	10	16.7
WEIGHERS	30	40	10	33.3
ALL OTHER CLERICAL WORKERS	7,350	9,070	1,720	23.4
CALL-OUT OPERATORS	20	30	10	50.0
CANCELLATION CLERKS	20	20	0	0.0
GENERAL CLERKS, OFFICE	4,190	5,160	970	23.2
IN-FILE OPERATORS	20	20	0	0.0
POLICY CHANGE CLERKS	100	120	20	20.0
REAL ESTATE CLERKS	20	30	10	50.0
SAFE DEPOSIT CLERKS	10	20	10	100.0
STATEMENT CLERKS	100	140	40	40.0
TRAFFIC CLERKS	20	20	0	0.0
SHADE TICKET MARKERS	10	10	0	0.0
SERVICE REPRESENTATIVES	170	200	30	17.6
RATE CLERKS, FREIGHT	20	20	0	0.0
TOWN CLERKS	20	20	0	0.0
MORTGAGE CLOSING CLERKS	30	40	10	33.3
SORTING CLERKS, BANK	50	80	30	60.0
INSURANCE CLERKS	30	40	10	33.3
INSURANCE CLERKS, MEDICAL	130	160	30	23.1
ALL OTHER OFFICE CLERICAL	1,040	1,290	250	24.0
ALL OTHER PLANT CLERICAL	1,350	1,650	300	22.2
CRAFTS & KINDRED WORKERS	17,580	21,480	3,900	22.2
CONSTRUCTION CRAFTS WORKERS	4,070	5,200	1,130	27.8
CARPENTERS	890	1,280	390	43.8
CARPENTERS	890	1,280	390	43.8
BRICKMASONS & STONEMASONS	280	350	70	25.0
BRICKLAYERS	260	330	70	26.9
STONE MASONS	10	10	0	0.0
REFRACTORY MATERIALS REPAIRERS	10	10	0	0.0
BULLDOZER OPERATORS	10	10	0	0.0
CEMENT & CONCRETE FINISHERS	120	160	40	33.3
CEMENT MASONS	100	140	40	40.0
CONCRETE RUBBERS	10	10	0	0.0
ELECTRICIANS	790	950	160	20.3
EXCAVATING, GRADING MACHINE OPERATORS	530	650	120	22.6
CONCRETE MIXER OPERATORS	10	10	0	0.0
HEAVY EQUIPMENT OPERATORS	480	590	110	22.9
BATCH PLANT OPERATORS	30	40	10	33.3
BALLAST CLEAN MACHINE OPERATORS, ETC	10	10	0	0.0
PAINTERS, CONSTRUCTION, MAINTENANCE	460	570	110	23.9
PAPERHANGERS	10	10	0	0.0
PLASTERERS	20	20	0	0.0
PLUMBERS & PIPEFITTERS	660	820	160	24.2

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN COLUMBIA SMSA S. C. 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	PERCENT CHANGE
PLUMBERS &/OR PIPEFITTERS	660	820	160	24.2
ROOFERS	100	120	20	20.0
STRUCTURAL STEEL WORKERS	140	190	50	35.7
TILE SETTERS	60	70	10	16.7
TILE SETTERS	40	50	10	25.0
CEILING TILE INSTALLERS, FLOOR LAYERS	20	20	0	0.0
BLUE COLLAR WORKER SUPERVISORS	1,810	2,170	360	19.9
SUPERVISORS, NONWORKING	1,810	2,170	360	19.9
METALWORKING CRAFTS WORKERS, EX MECHANICS	1,360	1,730	370	27.2
BLACKSMITHS	10	10	0	0.0
BOILERMAKERS	70	80	10	14.3
HEAT TREATERS, ANNEALERS, ETC	20	30	10	50.0
JOB & DIE SETTERS, METAL	100	140	40	40.0
MACHINE TOOL SETTERS, METALWORKING	70	100	30	42.9
PUNCH PRESS SETTERS, METAL	20	30	10	50.0
SETTERS, PLASTIC MOLDING MACHINE	10	10	0	0.0
MACHINISTS	400	500	100	25.0
LAYOUT MARKERS, METAL	70	100	30	42.9
MACHINISTS	330	400	70	21.2
MILLWRIGHTS	170	240	70	41.2
MOLDERS, METAL	10	10	0	0.0
MOLDERS, MACHINE(METAL)	10	10	0	0.0
ROLLERS & FINISHERS, METAL	10	20	10	100.0
SHEET METAL WORKERS, TINSMITHS	470	570	100	21.3
TOOLMAKERS & DIEMAKERS	100	130	30	30.0
MECHANICS, REPAIRERS, INSTALLERS	4,770	5,690	920	19.3
AIR COND., HEATING, REFRIG. MECHANICS	300	350	50	16.7
REFRIG. MECHANICS, A/C MECHANICS	230	280	50	21.7
FURNACE INSTALLERS & REPAIRERS	50	50	0	0.0
OIL BURNER INSTALLERS, SERVICER	20	20	0	0.0
AIRCRAFT MECHANICS	120	130	10	8.3
AUTO SEAT COVER, TOP INSTALLERS	20	20	0	0.0
AUTO BODY REPAIRERS	240	290	50	20.8
AUTO MECHANICS	1,550	1,890	340	21.9
AUTOMOTIVE MECHANICS	1,540	1,880	340	22.1
AUTO REPAIR SERVICE ESTIMATORS	10	10	0	0.0
DATA PROCESSING MACHINE MECHANICS	10	10	0	0.0
FARM EQUIPMENT MECHANICS	20	30	10	50.0
HEAVY EQUIPMENT MECHANICS, INCL. DIESEL	1,000	1,180	180	18.0
ENGINEERING EQUIPMENT MECHANICS	220	270	50	22.7
HYDROELECTRIC MACHINE MECHANICS, ETC	10	10	0	0.0
MARINE MECHANICS/REPAIRERS	150	170	20	13.3
MAINTENANCE MECHANICS	500	600	100	20.0
KNITTING MACHINE FIXERS	10	10	0	0.0
SECTION REPAIRERS & SETTERS	110	120	10	9.1
HOUSEHOLD APPLIANCE MECHANICS	90	120	30	33.3
ELECTRIC METER INSTALLERS, ETC	10	20	10	100.0
HOUSEHOLD APPLIANCE INSTALLERS	40	60	20	50.0
HOUSEHOLD APPLIANCE REPAIRERS	40	40	0	0.0
LOOM FIXERS	210	230	20	9.5
OFF. MACHINE SERVICERS/CASH REG. SERVICERS	130	150	20	15.4
RADIO, TELEVISION REPAIRERS	110	150	40	36.4
RADIO MECHANICS	10	20	10	100.0
TV SERVICERS & REPAIRERS, ETC	100	130	30	30.0
RAILROAD CAR SHOP REPAIRERS	40	40	0	0.0
SIGNAL MAINTAINERS	10	10	0	0.0
CAR REPAIRERS	30	30	0	0.0
OTHER MECHANICS & REPAIRERS	930	1,100	170	18.3
BICYCLE REPAIRERS	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
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OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
ELECTRIC MOTOR REPAIRERS	30	40	10	18.3
ELECTRICAL INSTRUMENT REPAIRERS	10	10	0	0.0
GUNSMITHS	10	10	0	0.0
LOCKSMITHS	10	10	0	0.0
COIN MACHINE SERVICERS, REPAIRERS	40	50	10	25.0
SEWING MACHINE MECHANICS	20	20	0	0.0
PROTECTIVE SIGNAL INST./REPAIRERS	20	30	10	50.0
INSTRUMENT REPAIRERS	180	220	40	22.2
DIESEL MECHANICS	180	210	30	16.7
ELECTROMEDICAL EQUIPMENT REPAIRERS	10	10	0	0.0
PINSETTER MECHANICS, AUTOMATIC	10	10	0	0.0
SIGN ERECTORS	10	20	10	100.0
ALL OTHER MECHANICS & REPAIRERS	390	450	60	15.4
PRINTING TRADE CRAFTS WORKERS	760	830	70	9.2
BOOKBINDERS	120	130	10	8.3
SETTERS, BINDERY MACHINES	20	20	0	0.0
BINDERY WORKERS	100	110	10	10.0
COMPOSITORS & TYPESETTERS	180	200	20	11.1
HAND COMPOSITORS	30	30	0	0.0
IMPOSERS & MAKEUP ARRANGERS	10	20	10	100.0
LINECASTING MACHINE OPERATORS	30	30	0	0.0
PHOTOTYPESETTING MACHINE MONITORS	10	10	0	0.0
LINECASTING MACHINE KEYBOARD OPERATORS	40	40	0	0.0
PASTEUP MEN/WOMEN	40	50	10	25.0
PHOTOTYPESETTING MACHINE KEYBOARD OPERS.	20	20	0	0.0
ELECTROTYPERS, STEREOTYPERS	10	10	0	0.0
STEREOTYPERS	10	10	0	0.0
ENGRAVERS, EX PHOTOENGRAVERS	20	20	0	0.0
ETCHERS &/OR ENGRAVERS	20	20	0	0.0
PHOTOENGRAVERS, LITHOGRAPHERS	90	100	10	11.1
STRIPPERS	20	20	0	0.0
CAMERA OPERATORS, PRINTING	30	40	10	33.3
PHOTOENGRAVERS	40	40	0	0.0
PRESS & PLATE PRINTERS	330	370	40	12.1
PRESS OPERATORS, PLATE PRINTERS	70	90	20	28.6
OFFSET LITHOGRAPHIC PRESS OPERATORS	140	150	10	7.1
PLATEMAKERS	20	20	0	0.0
LETTER PRESS OPERATORS	80	90	100	12.5
LETTER PRESS OPERATORS	10	10	0	0.0
TRANSPORT, PUB. UTIL. CRAFT WORKERS	1,450	1,730	280	19.3
ELEC. POWER LINE ST., REPAIRERS	320	380	60	18.8
LINE INSTALLERS, REPAIRERS	290	350	60	20.7
TROUBLE SHOOTERS, POWER LINE	30	30	0	0.0
LOCOMOTIVE ENGINEERS	40	40	0	0.0
HOSTLERS	10	10	0	0.0
LOCOMOTIVE ENGINEERS	30	30	0	0.0
POWER STATION OPERATORS	10	10	0	0.0
DISPATCHERS, LOAD	10	10	0	0.0
TELEPHONE INSTALLERS, REPAIRERS	1,080	1,300	220	20.4
INSTALLERS, REPAIRERS, SEC. MAINTAINERS	30	40	10	33.3
STATION INSTALLERS	380	450	70	18.4
TELEGRAPH EQUIPMENT MAINTAINERS	20	20	0	0.0
CABLE REPAIRERS	90	100	10	11.1
CABLE INSTALLERS	10	20	10	100.0
FRAME WIRERS	50	60	10	20.0
CENTRAL OFFICE REPAIRERS	220	260	40	18.2

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
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OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
TROUBLE LOCATORS, TEST DESK	100	120	20	20.0
TELETYPE INSTALLERS	170	200	30	17.6
OTHER CRAFTS, KINDRED WORKERS	3,360	4,130	770	22.9
BAKERS	70	90	20	28.6
BAKERS	70	90	20	28.6
CABINETMAKERS	70	80	10	14.3
CARPET CUTTERS, CARPET LAYERS	50	60	10	20.0
CRANE, DERRICK, HOIST OCCUPATIONS	130	160	30	23.1
MERCHANDISE DISPLAYERS & WINDOW TRIMMERS	20	40	20	100.0
DENTAL LAB TECHNICIANS	50	70	20	40.0
FURNITURE FINISHERS	10	10	0	0.0
GLAZIERS	60	80	20	33.3
GLASS INSTALLERS	10	10	0	0.0
GLAZIERS	50	70	20	40.0
INSPECTORS, LOG & LUMBER	10	10	0	0.0
OTHER INSPECTION OCCUPATIONS	780	940	160	20.5
INSPECTORS	620	750	130	21.0
TESTERS	160	190	30	18.8
JEWELERS & WATCHMAKERS	30	40	10	33.3
JEWELERS &/OR SILVERSMITHS	10	20	10	100.0
WATCHMAKERS	20	20	0	0.0
MOTION PICTURE PROJECTIONISTS	40	50	10	25.0
OPTICIANS, LENS GRINDERS, POLISHERS	50	70	20	40.0
OPTICIANS, DISP. &/OR OPTIC MECHANICS	50	70	20	40.0
SHIPFITTERS	70	70	0	0.0
SHOE REPAIRERS	20	20	0	0.0
SHOE REPAIRERS	20	20	0	0.0
STATIONARY ENGINEERS	200	240	40	20.0
CONTROL ROOM OPERATORS, STEAM	40	50	10	25.0
STATIONARY ENGINEERS	90	100	10	11.1
TURBINE OPERATORS	20	30	10	50.0
WATER TREATMENT PLANT OPERATORS	50	60	10	20.0
TAILORS	130	180	50	38.5
ALTERATION TAILORS	130	180	50	38.5
UPHOLSTERERS	40	40	0	0.0
FURNITURE UPHOLSTERERS	20	20	0	0.0
UPHOLSTERERS	10	10	0	0.0
CASKET COVERERS/CASKET LINERS	10	10	0	0.0
CRAFTS & KINDRED WORKERS, NEC	1,530	1,880	350	22.9
SHIP RIGGERS	10	10	0	0.0
INSTRUCTORS, APPAREL & TEXT. MACHINES	10	10	0	0.0
MACHINE SETTERS, PAPER GOODS	20	20	0	0.0
MAINTENANCE REPAIRERS, GEN. UTILITY	850	1,050	200	23.5
MOBILE HOME REPAIRERS	10	10	0	0.0
MUSICAL INSTRUMENTS REPAIRERS	10	20	10	100.0
ALL OTHER SKILLED CRAFTS WORKERS	620	760	140	22.6
OPERATIVES	19,960	23,610	3,650	18.3
OPERATIVES, EX TRANSPORTATION	11,990	14,360	2,370	19.8
SEMISKILLED METALWORKING OPERATORS	1,580	2,120	540	34.2
DRILL PRESS OPERATIVES	140	210	70	50.0
DRILL PRESS/BORING MACHINE OPERATORS	140	210	70	50.0
FURNACE TENDERS, SMELTERS, POURERS	20	30	10	50.0
POURERS, METAL	10	20	10	100.0
GRINDING/ABRADING MACHINE OPERS., METAL	80	110	30	37.5

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
LATHE, MILLING MACHINE OPERATIVES	190	280	90	47.4
LATHE/TURN MACHINE OPERATORS, METAL	120	180	60	50.0
MILLING/PLANING MACHINE OPERATORS	70	100	30	42.9
METAL PLATERS	20	30	10	50.0
ELECTROPLATERS	20	30	10	50.0
OTHER PRECISION MACHINE OPERATORS	220	290	70	31.8
MACHINE TOOL OPERATORS, COMBO.	100	140	40	40.0
MACHINE TOOL OPERATORS, NUM. CONTROL	30	40	10	33.3
WOOD MACHINISTS	50	80	30	60.0
MACHINE TOOL OPERATORS, TOOL ROOM	20	30	10	50.0
PUNCH, STAMPING PRESS OPERATORS	180	230	50	27.8
PUNCH PRESS OPERATORS, METAL	140	180	40	28.6
POWER BRAKE, BLENDING MACHINE OPERS., METAL	40	50	10	25.0
WELDERS & FLAME CUTTERS	730	940	210	28.8
SEMISKILLED TEXTILE OPERATORS	1,790	1,930	140	7.8
CARDING, LAPPING, COMBING OPERATORS	170	180	10	5.9
CARD GRINDERS	20	20	0	0.0
CARD TENDERS, COMBER TENDERS, ETC	60	60	0	0.0
DRAWING-IN MACHINE TENDERS	10	10	0	0.0
PICKER TENDERS	20	20	0	0.0
SLUBBER TENDERS	50	60	10	20.0
DRAWERS-IN, HAND	10	10	0	0.0
KNITTERS, LOOPERS, & TOPPERS	20	20	0	0.0
KNITTING MACHINE OPERATORS	20	20	0	0.0
SPINNERS, TWISTERS & WINDERS	1,020	1,110	90	8.8
BEAM WARPER TENDERS &/OR BEAMERS	60	60	0	0.0
BOBBIN WINDERS, MACHINE/SEWING MACHINE	10	10	0	0.0
CLOTH OR CARPET WINDERS	10	10	0	0.0
CREELERS, YARN	110	130	20	18.2
DOFFERS	280	310	30	10.7
LOOM WINDER TENDERS	10	10	0	0.0
QUILLING MACHINE OPERATORS	30	30	0	0.0
SPEEDER TENDERS	10	10	0	0.0
SPINNERS, FRAME	250	270	20	8.0
WARP TYING MACHINE TENDERS	50	50	0	0.0
WINDER OPERATORS, AUTOMATIC	50	50	0	0.0
YARN WINDERS	60	80	20	33.3
SPOOLER OPERATORS, AUTOMATIC	90	90	0	0.0
WEAVERS	410	440	30	7.3
SMASH HANDS	40	40	0	0.0
WEAVERS	370	400	30	8.1
OTHER TEXTILE OPERATIVES	170	180	10	5.9
BURLERS	10	10	0	0.0
CLOTH FINISHING RANGE TENDERS, MIDDLE	10	10	0	0.0
HARNESS BUILDERS, LOOM CHANGERS, ETC	20	20	0	0.0
HARNESS PLACERS	20	20	0	0.0
OPENER TENDERS/WASTE MACHINE TENDERS	20	20	0	0.0
RUBBER COVERING MACHINE OPERATORS	10	10	0	0.0
SLASHER TENDERS	30	30	0	0.0
FOLDERS, HAND	50	50	0	0.0
SEMISKILLED PACKING, INSPECTING OPERATORS	1,010	1,320	310	30.7
GRADERS & SORTERS, MFG.	10	10	0	0.0
SORTERS, BURNED PRODUCTS	10	10	0	0.0
PACKERS, WRAPPERS, EX MEAT, PROD.	1,000	1,310	310	31.0
PRODUCTION PACKAGERS	430	510	80	18.6
BUNDLERS	30	40	10	33.3
BAGGERS	540	760	220	40.7
OTHER OPERATIVES, EX TRANSPORT	7,610	8,990	1,380	18.1
ASBESTOS & INSULATION WORKERS	170	210	40	23.5
ASSEMBLERS	1,560	2,020	460	29.5

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	PERCENT CHANGE
ASSEMBLERS, HAND	1,550	2,020	460	29.7
COIL FINISHERS	10	10	0	0.0
BLASTERS	10	10	0	0.0
BLASTERS, MINING & QUARRYING	10	10	0	0.0
SURVEYORS HELPERS	300	370	70	23.3
CLOTHING IRONERS & PRESSERS	350	380	30	8.6
PRESSERS, HAND	20	30	10	50.0
PRESSERS, MACHINE	110	110	0	0.0
PRESSERS, MACHINE, LAUNDRY	210	230	20	9.5
SHAPERS & PRESSERS	10	10	0	0.0
CUTTING OPERATIVES, NEC	40	40	0	0.0
DICER OPERATORS	10	10	0	0.0
TRIMMERS, PLASTICS	10	10	0	0.0
CUTTING MACHINE OPERATORS, FOOD	10	10	0	0.0
PLANER OPERATORS	10	10	0	0.0
DRESSMAKERS, EX FACTORY	30	40	10	33.3
DRILLERS, EARTH	20	20	0	0.0
DRILLERS, MACHINE	20	20	0	0.0
DRY WALL INSTALLERS, LATHERS	60	80	20	33.3
DRY WALL APPLICATORS	30	40	10	33.3
LATHERS	10	10	0	0.0
TAPERS	20	30	10	50.0
DYERS	10	10	0	0.0
DYE RANGE OPERS./SP. DYE BECK TENDERS	10	10	0	0.0
FILERS, POLISHERS, SANDERS, BUFFERS	140	180	40	28.6
FILERS, GRINDERS, BUFFERS, CHIPPERS	120	160	40	33.3
SANDBLASTERS/SHOTBLASTERS	20	20	0	0.0
GARAGE WORKERS, GAS STATION ATTENDANTS	900	1,110	210	23.3
FUEL PUMP ATTENDANTS, LUBRICATORS	750	920	170	22.7
TIRE CHANGERS	150	190	40	26.7
LAUNDRY, DRYCLEANING OPERS., NEC	390	430	40	10.3
MARKERS, CLASSIFIERS, ASSEMBLERS	80	90	10	12.5
SPOTTERS, DRYCLEANING	10	10	0	0.0
WASHERS, MACHINE &/OR STARCHERS	100	120	20	20.0
TUMBLER OPERATORS	10	10	0	0.0
DRYCLEANING MACHINE OPERATORS	40	50	10	25.0
LAUNDRY OPERATORS, SMALL ESTABLISHMENT	70	70	0	0.0
RUG CLEANERS, HAND	10	10	0	0.0
FOLDERS, LAUNDRY	50	50	0	0.0
MEAT CUTTERS, BUTCHERS	110	120	10	9.1
BONERS, MEAT	20	20	0	0.0
BONERS, POULTRY	30	30	0	0.0
BUTCHERS, ALL-AROUND	50	60	10	20.0
CARCASS SPLITTERS	10	10	0	0.0
MINE OPERATIVES, NEC	20	20	0	0.0
PANELBOARD OPERS., GRIND MILL OPERS.	10	10	0	0.0
MILL &/OR GRINDER OPERATORS, MINERALS	10	10	0	0.0
MIXING OPERATIVES	20	20	0	0.0
ASPHALT-PLANT OPERATORS	10	10	0	0.0
MIXERS, FOOD & TOBACCO	10	10	0	0.0
OILERS	70	80	10	14.3
PAINTERS, MFG ARICLES	160	200	40	25.0
PAINTERS, AUTOMOTIVE	40	60	20	50.0
PAINTERS, PRODUCTION	120	140	20	16.7
PHOTOGRAPHIC PROCESS WORKERS	60	80	20	33.3
DEVELOPERS, PROJECTION PRINTERS	20	20	0	0.0
MULTIPLE PHOTO PRINTER OPERATORS	10	10	0	0.0
PHOTO CHECKERS & ASSEMBLERS	10	20	10	100.0
COPY CAMERA OPERATORS	10	20	10	100.0
RETOUCHER(ARTISTS)	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982	
			NET CHANGE	PERCENT CHANGE
SAWYERS	60	70	10	16.7
EDGERS, AUTOMATIC &/OR PONY	10	10	0	0.0
HEAD SAWYERS	10	10	0	0.0
SAWYERS, METAL	20	30	10	50.0
SAWYERS, PLASTICS	10	10	0	0.0
TRIM SAW OPERATORS	10	10	0	0.0
SEWERS & STITCHERS	1,430	1,520	90	6.3
MENDERS	30	30	0	0.0
SEWING MACHINE OPERS., REG. EQUIPMENT, NONGAR.	60	70	10	16.7
GARMENT REPAIRERS	20	20	0	0.0
SEWING MACHINE OPERS., SPEC. EQUIPMENT, NONGAR.	20-	20	0	0.0
SEWING MACHINE OPERS., SPEC. EQUIPMENT, GAR.	150	160	10	6.7
FURNACE TENDERS STOKRS., EX METAL	80	80	0	0.0
KILN OPERATORS, MINERALS	30	30	0	0.0
WINDING OPERATIVES, NEC	90	110	20	22.2
CONVOLUTE OR SPIRAL TUBE WINDERS	20	20	0	0.0
COIL WINDERS	70	90	20	28.6
MISC. MACH. OPERS., MEAT & DIARY PROD.	50	50	0	0.0
CASING FINISHERS &/OR STUFFERS	10	10	0	0.0
DAIRY PROCESSING EQUIPMENT OPERATORS	20	20	0	0.0
MEAT GRINDERS	10	10	0	0.0
MISC. MACH. OPERS., ALL OTHER FOOD PROD.	30	30	0	0.0
DOUGHNUT MAKERS/DOUGHNUT MACHINE OPERS.	20	20	0	0.0
MISC. MACH. OPERS., TEXTILE MILL PROD.	60	60	0	0.0
BLENDING MACHINE OPERATORS	10	10	0	0.0
CLOTH TRIMMERS, MACHINE, ETC	10	10	0	0.0
FOLDING MACHINE OPERATORS	40	40	0	0.0
MISC. MACHINE OPERS., LUMBER PROD., FURN.	10	10	0	0.0
POWER BARKER OPERATORS	10	10	0	0.0
MISC. MACH. OPERS., PAPER, ALLIED PROD.	70	100	30	42.9
WAXING MACHINE OPERATORS	10	10	0	0.0
BAG MACHINE OPERATORS	20	30	10	50.0
AUTOMATIC ASSEMBLY MACHINE ATTENDANTS	20	30	10	50.0
BOTTOMING MACHINE OPERATORS, ETC	10	10	0	0.0
MISC. MACHINE OPERS., CHEM. ALLIED PROD.	370	440	70	20.6
PULVERIZER & DRIER TENDERS	10	10	0	0.0
SPINNERS, SYNTHETIC FILAMENTS	80	100	20	25.0
DRAW MACHINE OPERATORS	50	50	0	0.0
KETTLE OPERATORS, ADHESIVE	10	10	0	0.0
CHEMICAL OPERATOR HELPERS	10	10	0	0.0
CHEMICAL OPERATORS A	120	150	30	25.0
CHEMICAL OPERATORS B	50	60	10	20.0
GRINDER OPERATORS, CHEMICAL	10	10	0	0.0
CHIEF OPERATORS	30	40	10	33.3
MISC. MACH. OPERS., RUBBER, MISC. PLASTIC	80	90	10	12.5
CALENDER OPERATORS, PLASTICS	10	10	0	0.0
COMPRESSOR &/OR INJECT MOLD MACHINE OPERATORS, PLASTIC	50	60	10	20.0
EXTRUDER OPERATOR HELPERS	20	20	0	0.0
MISC. MACHINE OPERS., STONE, CLAY, GLASS	60	70	10	16.7
CAGE MAKERS, HAND OR MACHINE	10	10	0	0.0
BLOCKMAKING MACHINE OPERATORS	10	10	0	0.0
CONCRETE STONE FABRICATORS	10	10	0	0.0
BRAIDING MACHINE OPERATORS	20	20	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
BRICK & TILE MAKING MACHINE OPERS.	10	20	10	100.0
MISC. MACH. OPERS., PRIMARY METALS	40	50	10	25.0
ROLL BUILDERS	*	10	10	100.0
COILERS, WINDERS, &/OR SPOOLERS	10	10	0	0.0
INSULATING EXTRUDING MACHINE OPERS.	10	10	0	0.0
IMPREGNATORS, ELECTRONIC	20	20	0	0.0
MISC. MACH. OPERS., MFG., NEC	280	330	50	17.9
GLUERS	10	10	0	0.0
LAMINATORS, PREFORMS	20	30	10	50.0
PRESS OPERATORS, PLASTICS	10	10	0	0.0
TUBE MOLDERS, FIBERGLASS	20	30	10	50.0
ENCAPSULATORS	180	210	30	16.7
LOADING MACHINE OPERATORS	30	30	0	0.0
SOABAR OPERATORS	10	10	0	0.0
MISC. MACHINE OPERS., NONMFG.	90	110	20	22.2
TIRE FABRICATORS, REPAIRERS	90	110	20	22.2
OPERATIVES, NEC, DURABLE GOODS	80	90	10	12.5
CATCHERS	10	10	0	0.0
CONCRETE PIPE MAKERS	10	10	0	0.0
FINISHERS, HAND	40	50	10	25.0
WIRE DRAWERS	10	10	0	0.0
PIPE STRIPPERS	10	10	0	0.0
OPERATIVES, NEC, NONDURABLE GOODS	220	250	30	13.6
CHICKEN CUTTERS	10	10	0	0.0
DIE MOUNTERS	10	10	0	0.0
POULTRY DRESSERS, EVISCERATORS	90	100	10	11.1
PRINTER-SLOTTER FEEDERS	10	10	0	0.0
SHUTTLERS, EMBROIDERY	10	10	0	0.0
THREAD TRIMMERS	20	30	10	50.0
PRESS ASSISTANTS & FEEDERS	30	30	0	0.0
MAILERS	20	20	0	0.0
OPERATIVES, NEC, NONMFG.	90	110	20	22.2
BILLPOSTERS	10	10	0	0.0
EXTERMINATORS	50	60	10	20.0
TERMITE TREATERS	20	30	10	50.0
TERMITE TREATER HELPERS	10	10	0	0.0
TRANSPORT EQUIPMENT OPERATIVES	5,290	6,060	770	14.6
BUS DRIVERS	350	410	60	17.1
DELIVERY & ROUTE WORKERS	1,460	1,640	180	12.3
FORK LIFT,TOW MOTOR OPERATORS	420	490	70	16.7
INDUSTRIAL TRUCK OPERATORS	410	480	70	17.1
LOG HANDLING EQUIPMENT OPERATORS	10	10	0	0.0
TAXICAB DRIVERS, CHAUFFEURS	140	150	10	7.1
AMBULANCE DRIVERS	70	80	10	14.3
TAXI DRIVERS	60	60	0	0.0
CHAUFFEURS	10	10	0	0.0
TRUCK DRIVERS	2,920	3,370	450	15.4
TRUCK DRIVERS	2,920	3,370	450	15.4
ALL OTHER SEMISKILLED WORKERS	2,680	3,190	510	19.0
SERVICE WORKERS	22,260	28,250	5,990	26.9
CLEANING SERVICE WORKERS	5,340	6,580	1,240	23.2
JANITORS & SEXTONS	5,340	6,580	1,240	23.2
FOOD SERVICE WORKERS	8,660	11,650	2,990	34.5
BAKERS, BREAD &/OR PASTRY	100	130	30	30.0
BARTENDERS	120	150	30	25.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
WAITERS ASSISTANTS	450	620	170	37.8
COOKS, EX PRIVATE	2,180	2,820	640	29.4
COOKS, SHORT ORDER/SPEC. FAST FOOD	600	850	250	41.7
COOKS, RESTAURANT	440	610	170	38.6
COOKS, INSTITUTIONAL	1,140	1,360	220	19.3
BUTCHERS &/OR MEAT CUTTERS	380	520	140	36.8
WAITERS	2,120	2,940	820	38.7
HOST/HOSTESSES, REST., LNG., COFFEE SHOP	90	110	20	22.2
WAITERS OR WAITRESSES	2,030	2,830	800	39.4
FOOD WORKERS, NEC, EX PRIVATE	3,310	4,460	1,150	34.7
FD. PREP. & SERV. WKRS., FAST FOOD RESTAURANT	1,060	1,500	440	41.5
PANTRY, SANDWICH, &/OR COFFEE MAKERS	90	140	50	55.6
ALL OTHER FOOD SERVICE WORKERS	2,160	2,820	660	30.6
HEALTH SERVICE WORKERS	2,750	3,410	660	24.0
NURSES AIDES, ORDERLIES	2,750	3,410	660	24.0
NURSES AIDE/ORDERLY	2,750	3,410	660	24.0
PERSONAL SERVICE WORKERS	1,320	1,540	220	16.7
ATTNS. RECREATION, AMUSEMENT	140	180	40	28.6
RECREATION FACILITY ATTENDANTS	110	130	20	18.2
GAME OPERS., RIDE OPERS., CONCESS WKRS.	10	20	10	100.0
PIN CHASERS	10	20	10	100.0
LIFEGUARDS	10	10	0	0.0
ATTNS., PERSONAL SERVICE, NEC	180	220	40	22.2
COSTUMER	70	80	10	14.3
FUNERAL ATTENDANTS	20	30	10	50.0
MASSEURS OR MASSEUSES	10	10	0	0.0
INSTRUCTORS, REDUCING	10	20	10	100.0
HOUSEKEEPERS, HOTEL & MOTEL	70	80	10	14.3
BAGGAGE PORTERS & BELLHOPS	50	50	0	0.0
BELLHOPS, BAG PORTERS, DOORKEEPERS, ETC	50	50	0	0.0
BARBERS	80	90	10	12.5
CHILD CARE WORKERS, EX PRIVATE	170	210	40	23.5
CHILD CARE ATTENDANTS	10	10	0	0.0
CHILD CARE WORKERS	160	200	40	25.0
ELEVATOR OPERATORS	10	10	0	0.0
HAIRDRESSERS, COSMETOLOGISTS	380	400	20	5.3
COSMETOLOGISTS/WM'S HAIRSTYLISTS	340	360	20	5.9
SCALP TREATMENT OPERATORS	20	20	0	0.0
SHAMPOOERS	20	20	0	0.0
SCHOOL MONITORS	20	30	10	100.0
USHERS, LOBBY ATTNS., TICKET TAKERS	30	30	0	0.0
WELFARE SERVICE AIDES	260	320	60	23.1
PROTECTIVE SERVICE WORKERS	2,650	3,190	540	20.4
CROSSING GUARDS, BRIDGETENDERS	60	80	20	33.3
CROSSING OR BRIDGE TENDERS	30	40	10	33.3
SCHOOL CROSSING GUARDS	30	40	10	33.3
FIREFIGHTERS	310	350	40	12.9
FIRE FIGHTERS	290	330	40	13.8
FIRE OFFICERS	20	20	0	0.0
GUARDS	1,390	1,710	320	23.0
GUARDS & DOORKEEPERS	940	1,150	210	22.3
CHECKERS, FITTING ROOM	10	30	20	200.0
FISH & GAME WARDENS	60	70	10	16.7
CORRECTION OFFICERS &/OR JAILERS	380	460	80	21.1

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN COLUMBIA SMSA S. C.
1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
U.S. MARSHALLS	10	10	0	0.0
POLICE & DETECTIVES	790	940	150	19.0
DETECTIVES	140	170	30	21.4
STORE DETECTIVES	30	60	30	100.0
POLICE OFFICERS	100	120	20	20.0
POLICE DETECTIVES	100	110	10	10.0
POLICE PATROLMEN/WOMEN	420	480	60	14.3
SHERIFFS & BAILIFFS	90	100	10	11.1
SHERIFFS	80	90	10	12.5
BAILIFFS	10	10	0	0.0
OTHER SERVICE WORKERS	1,540	1,880	340	22.1
SUPERVISORS, NONWORKING, SERVICE	330	420	90	27.3
ALL OTHER SERVICE WORKERS	1,210	1,460	250	20.7
LABORERS, EXCEPT FARM	9,810	12,100	2,290	23.3
ANIMAL CARETAKERS	10	10	0	0.0
CONST. LABORERS, EX CARPENTERS HELPERS	1,880	2,310	430	22.9
AIR HAMMER OPERATORS	10	10	0	0.0
PIPELAYERS	40	50	10	25.0
REINFORCING-IRON WORKERS	50	90	40	80.0
SEWER TAPPERS				
HIGHWAY MAINTENANCE WORKERS	1,760	2,140	380	21.6
ASPHALT RAKERS	10	10	0	0.0
FREIGHT, MATERIAL HANDLERS	110	120	10	9.1
BULK PLANT OPERATORS, SUGAR	10	10	0	0.0
OFF-BEARERS	10	10	0	0.0
VENEER DRIER FEEDERS	10	10	0	0.0
CONVEYOR OPERATORS OR TENDERS	50	50	0	0.0
WORK DISTRIBUTORS	30	40	10	33.3
GARBAGE COLLECTORS	90	100	10	11.1
GARDENERS, GROUNDSKEEPERS, EX FARM	470	590	120	25.5
TIMBERCUTTING, LOGGING WORKERS	40	40	0	0.0
CHOKER SETTERS, LUMBER	10	10	0	0.0
FALLERS &/OR BUCKERS	30	30	0	0.0
STOCK HANDLERS	1,210	1,590	380	31.4
ORDER FILLERS	420	470	50	11.9
STOCK CLERKS, SALES FLOOR	790	1,120	330	41.8
OTHER LABORERS	6,000	7,340	1,340	22.3
SETTERS &/OR DRAWERS	30	40	10	33.3
FURNACE OPER. HELPERS/HEATER HELPERS	10	20	10	100.0
RIGGERS	100	110	10	10.0
HELPERS, TRADES	1,720	2,200	480	27.9
LINE SERVICE ATTENDANTS	20	20	0	0.0
FOREST CONSERVATION WORKERS	310	370	60	19.4
ALL OTHER UNSKILLED WORKERS	3,810	4,580	770	20.2

SOURCE: Manpower Research and Analysis, South Carolina Employment Security Commission.

1/ Occupation employment on OES Survey based matrix does not include farm workers, unpaid family workers, workers in private households, military personnel.

NOTE: No occupation rounded to less than 10 is published.

NONFARM WAGE AND SALARY EMPLOYMENT BY MAJOR INDUSTRY IN GREENVILLE - SPARTANBURG SMSA S. C.
1976 AND PROJECTED 1982

	ESTIMATED 1976	PROJECTED 1982	NET CHANGE 1976-1982	PERCENT CHANGE 1976-1982
TOTAL ALL INDUSTRIES 1/	234,690	271,050	36,360	15.5
MINING	260	380	120	46.2
CONSTRUCTION	13,320	15,800	2,480	18.6
MANUFACTURING	101,610	112,040	10,430	10.3
DURABLE GOODS	25,320	30,650	5,330	21.1
LUMBER & WOOD PROD.	850	1,000	150	17.6
FURN. & FIXTURES	790	850	60	7.6
STONES, CLAY & GLASS	1,540	1,800	260	16.9
PRIMARY METALS	530	750	220	41.5
FABRICATED METALS	2,770	3,100	330	11.9
MACH., EXC., ELECT.	11,700	14,800	3,100	26.5
ELECT. MACH.	4,790	5,850	1,060	22.1
TRANS. EQUIP.	650	500	-150	-23.1
INSTRUMENTS	570	750	180	31.6
MISC. MANUFACTURING	1,130	1,250	120	10.6
NONDURABLE GOODS	76,290	81,390	5,100	6.7
FOOD & KINDRED PROD.	2,620	2,800	180	6.9
TOBACCO	0	0	0	0
TEXTILE MILL PROD.	46,380	47,550	1,170	2.5
APPAREL & TEX. PROD.	9,780	10,000	220	2.2
PAPER & ALLIED PROD.	3,500	4,100	600	17.1
PRINTING & PUBLISHING	1,430	1,600	170	11.9
CHEMICALS & ALLIED PROD.	9,740	10,700	960	9.9
PETROLEUM & COAL	10	10	0	0
RUBBER & PLASTIC PROD.	2,750	4,500	1,750	63.6
LEATHER PROD.	80	130	50	62.5
TRANS., COMM., & P.U.	9,330	10,450	1,120	12.0
WHOLESALE & RETAIL TRADE	43,010	52,870	9,860	22.9
FIN., INS., & REAL ESTATE	8,140	9,770	1,630	20.0
SERVICES	49,610	59,120	9,510	19.2
GOVERNMENT 2/	9,410	10,620	1,210	12.9

SOURCE: Manpower Research and Analysis, South Carolina Employment Security Commission.

1/ Excludes agricultural production workers, self-employed, unpaid family workers, workers in private households, and military personnel.

2/ Includes all Federal Government employees, all State and Local Government employees except those in education and hospitals which are included in Services.

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN GREENVILLE - SPARTANBURG SMSA
S.C. 1976 AND PROJECTED 1982

OCCUPATION[1]	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
TOTAL, ALL OCCUPATIONS	234,690	271,050	36,360	15.5
PROFESSIONAL, TECHNICAL, KINDRED WORKERS	27,340	31,930	4,590	16.8
ENGINEERS	2,110	2,470	360	17.1
AERO-ASTRONAUTIC ENGINEERS	30	40	10	33.3
CHEMICAL ENGINEERS	150	170	20	13.3
CIVIL ENGINEERS	340	400	60	17.6
ELECTRICAL ENGINEERS	280	320	40	14.3
INDUSTRIAL ENGINEERS	320	360	40	12.5
MECHANICAL ENGINEERS	650	780	130	20.0
METALLURGICAL ENGINEERS	10	20	10	100.0
NUCLEAR ENGINEERS	10	10	0	0.0
OTHER ENGINEERS	320	370	50	15.6
LIFE & PHYSICAL SCIENTISTS	270	300	30	11.1
AGRICULTURAL SCIENTISTS	20	20	0	0.0
LIFE SCIENTISTS	20	20	0	0.0
CHEMISTS	180	200	20	11.1
PHYSICISTS	10	10	0	0.0
LIFE, PHYSICAL SCIENTISTS, NEC	40	50	10	25.0
MATHEMATICAL SPECIALISTS	40	40	0	0.0
MATHEMATICAL SCIENTISTS	20	20	0	0.0
STATISTICIANS	20	20	0	0.0
ENGINEERING, SCIENCE TECHNICIANS	2,290	2,690	400	17.5
DRAFTERS	700	840	140	20.0
ELECTRICAL, ELECTRONIC TECHNICIANS	470	550	80	17.0
ELECTRICAL & ELECTRONIC TECHNS.	440	520	80	18.2
BROADCAST TECHNICIANS	20	20	0	0.0
MATHEMATICAL TECHNICIANS	20	30	10	50.0
MECHANICAL ENGINEERING TECHNS.	120	130	10	8.3
SURVEYORS	160	200	40	25.0
OTHER ENGINEERING TECHNICIANS	480	560	80	16.7
OTHER SCIENCE TECHNICIANS	340	380	40	11.8
MEDICAL WORKERS, EX. TECHNICIANS	2,590	3,250	660	25.5
CHIROPRACTORS	10	10	0	0.0
DENTISTS	80	100	20	25.0
DIETITIANS	100	120	20	20.0
NURSES & PHYSICIANS ASSISTANTS	1,530	1,910	380	24.8
NURSES, PROFESSIONAL	1,490	1,860	370	24.8
PHYSICIANS ASSISTANTS	40	50	10	25.0
PHARMACISTS	300	360	60	20.0
PHYSICIANS, MED. & OSTEOPATH	400	520	120	30.0
THERAPISTS	170	230	60	35.3
OCCUPATIONAL THERAPISTS	10	20	10	100.0
SPEECH & HEARING CLINICIANS, ETC.	40	50	10	25.0
PHYSICAL THERAPISTS	30	40	10	33.3
INHALATION THERAPISTS	90	120	30	33.3
VETERINARIANS	*	*	*	*
HEALTH TECHNOLS. & TECHNICIANS	2,140	2,690	550	25.7
CLINICAL LAB TECHNOLS., TECHNS.	330	420	90	27.3
MEDICAL LAB TECHNOLOGISTS	140	170	30	21.4
CYTOTECHNOLOGISTS	10	20	10	100.0
MEDICAL LAB ASSISTANTS	180	230	50	27.8
DENTAL HYGIENISTS & ASSISTANTS	340	450	110	32.4
DENTAL ASSISTANTS	260	340	80	30.8
DENTAL HYGIENISTS	80	110	30	37.5
HEALTH RECORD TECHNOLS., TECHNS	90	100	10	11.1

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN GREENVILLE - SPARTANBURG SMSA
S.C. 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
RADIOLOGIC TECHNOLS., TECHNS.	160	200	40	25.0
X-RAY TECHNICIANS	140	180	40	28.6
NUCLEAR MEDICINE TECHNOLOGISTS	10	10	0	0.0
RADIATION THERAPY TECHNOLOGISTS	10	10	0	0.0
OTHER HEALTH TECHNOLS., TECHNS.	1,220	1,520	300	24.6
SURGICAL TECHNICIANS	80	100	20	25.0
EKG TECHNICIANS	20	30	10	50.0
EEG TECHNICIANS	10	10	0	0.0
PHARMACY HELPERS	40	50	10	25.0
LICENSED PRACTICAL NURSES	830	1,050	220	26.5
ALL OTHER MEDICAL & DENTAL TECHNS.	240	280	40	16.7
TECHNICIANS, EX. HEALTH OR S&E	500	570	70	14.0
AIRPLANE PILOTS	100	110	10	10.0
AIR TRAFFIC CONTROLLERS	10	10	0	0.0
EMBALMERS	50	60	10	20.0
EMBALMERS	40	50	10	25.0
LADIES' ATTENDANTS	10	10	0	0.0
TOOL PROGRAMERS, NUMERICAL CONTROL	20	20	0	0.0
OTHER TECHNS., EX. HEALTH OR S&E	320	370	50	15.6
ALL OTHER TECHNICIANS	320	370	50	15.6
COMPUTER SPECIALISTS	390	450	60	15.4
COMPUTER PROGRAMERS	200	230	30	15.0
COMPUTER SYSTEMS ANALYSTS	190	220	30	15.8
SOCIAL SCIENTISTS	110	130	20	18.2
ECONOMISTS	10	10	0	0.0
PSYCHOLOGISTS	30	40	10	33.3
SOCIOLOGISTS	*	*	*	* *
URBAN & REGIONAL PLANNERS	40	50	10	25.0
OTHER SOCIAL SCIENTISTS	20	20	0	0.0
TEACHERS	8,850	9,970	1,120	12.7
ADULT EDUCATION TEACHERS	330	370	40	12.1
COLLEGE & UNIVERSITY TEACHERS	1,390	1,560	170	12.2
TEACHERS, COLLEGE	1,070	1,200	130	12.1
GRADUATE ASSISTANTS	310	350	40	12.9
EXTENSION SERVICE SPECIALISTS	10	10	0	0.0
ELEMENTARY SCHOOL TEACHERS	3,480	3,910	430	12.4
PRESCHOOL, KINDERGTN. TEACHERS	840	950	110	13.1
SECONDARY SCHOOL TEACHERS	2,420	2,730	310	12.8
TEACHERS NEC	390	450	60	15.4
DANCE INSTRUCTORS	20	40	20	100.0
ALL OTHER TEACHERS	370	410	40	10.8
WRITERS, ARTISTS, & ENTERTAINERS	1,170	1,360	190	16.2
ACTORS	*	*	*	* *
ATHLETES & KINDRED WORKERS	50	70	20	40.0
DESIGNERS	250	290	40	16.0
EDITORS & REPORTERS	180	200	20	11.1
WRITERS &/OR EDITORS	90	110	20	22.2
FILM EDITORS	10	10	0	0.0
REPORTERS & CORRESPONDENTS	80	80	0	0.0
MUSICIANS, INSTRUMENTAL	390	450	60	15.4
PHOTOGRAPHERS	70	80	10	14.3
PHOTOGRAPHERS	60	70	10	16.7
TELEVISION CAMERA OPERATORS	10	10	0	0.0
PUBLIC RELATIONS SPECIALISTS	90	110	20	22.2
RADIO, TV ANNOUNCERS	140	160	20	14.3
ANNOUNCERS	130	140	10	7.7
BROADCAST NEWS ANALYSTS	10	20	10	100.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
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S.C. 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
OTHER PROFESSIONAL & TECHNICAL WORKERS	6,880	8,010	1,130	16.4
ACCOUNTANTS	910	1,070	160	17.6
ACCOUNTANTS & AUDITORS	800	940	140	17.5
TAX EXAMINERS, COLLECTORS, REV AGTS.	20	20	0	0.0
TAX PREPARERS	90	110	20	22.2
ARCHITECTS	110	130	20	18.2
BUYERS & PURCHASING AGENTS	860	1,020	160	18.6
PURCHASING AGENTS &/OR BUYERS	280	320	40	14.3
MEDIA BUYERS	10	10	0	0.0
BUYERS, RETAIL &/OR WHOLSL TRADE	570	690	120	21.1
CLERGY	640	730	90	14.1
DIRECTORS, RELIGIOUS ACTIVITIES &/OR RELIGIOUS EDUCATION	120	130	10	8.3
FORESTERS	20	20	0	0.0
JUDGES	50	60	10	20.0
JUDGES	10	10	0	0.0
MAGISTRATES	40	50	10	25.0
LAWYERS & KINDRED WORKERS	240	310	70	29.2
LAW CLERKS	40	60	20	50.0
LAWYERS	180	230	50	27.8
PARALEGAL PERSONNEL	20	20	0	0.0
LIBRARIANS	740	830	90	12.2
LIBRARIANS	670	750	80	11.9
AUDIO VISUAL SPECIALISTS	70	80	10	14.3
PERSONNEL, LABOR REL. SPECIALISTS	430	490	60	14.0
PERSONNEL, LABOR REL. SPECIALISTS	310	350	40	12.9
EMPLOYMENT INTERVIEWERS	120	140	20	16.7
RECREATION WORKERS	140	170	30	21.4
SOCIAL WORKERS	360	430	70	19.4
VOCATIONAL, EDUC. COUNSELORS	260	300	40	15.4
ALL OTHER PROFESSIONAL WORKERS	2,000	2,320	320	16.0
TECHNICAL DIRECTORS	10	10	0	0.0
SAFETY INSPECTORS	20	30	10	50.0
UNDERWRITERS	100	120	20	20.0
COST ESTIMATORS	170	200	30	17.6
CREDIT ANALYSTS, CHIEF	10	10	0	0.0
CREDIT ANALYSTS	40	50	10	25.0
APPRAISERS, REAL ESTATE	30	30	0	0.0
ASSESSORS	20	20	0	0.0
SPECIAL AGENTS, INSURANCE	10	20	10	100.0
TRAVEL AGTS., TR. ACCOM. APPRAISERS	10	30	20	200.0
CLAIM EXAMINERS, PRPTY./CSLTY. INSURANCE	20	20	0	0.0
ALL OTHER PROFESSIONAL	1,560	1,780	220	14.1
MANAGERS, OFFICIALS, PROPRIETORS	16,380	19,130	2,750	16.8
SALES MANAGERS	580	690	110	19.0
SALES MANAGERS, RETAIL TRADE	580	690	110	19.0
ADMINISTRATORS, PUB. INSPECTORS	120	130	10	8.3
CONSTRUCTION INSPECTORS, PUB. AD.	60	70	10	16.7
INSPECTORS, EX CONST., PUB. ADM	40	40	0	0.0
POSTMASTERS & MAIL SUPERINTENDENTS	20	20	0	0.0
OTHER MANAGERS, OFFICIALS, PROPRIETORS	15,680	18,310	2,630	16.8
RAILROAD CONDUCTORS	90	100	10	11.1
OTHER MANAGERS, ADMINISTRATORS	15,590	18,210	2,620	16.8
MANAGERS, STORE	2,160	2,610	450	20.8
MANAGERS, AUTO SERVICE DEPARTMENT	120	140	20	16.7
MANAGERS, AUTO PARTS DEPARTMENT	90	100	10	11.1
WHOLESALERS	440	520	80	18.2
ALL OTHER MANAGERS	12,780	14,840	2,060	16.1

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
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S.C. 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
SALES WORKERS	12,600	15,010	2,410	19.1
DEMONSTRATORS	550	630	80	14.5
INSURANCE AGENTS, BROKERS, ETC.	1,620	1,970	350	21.6
SALES AGENTS, SALES REPS., INSURANCE	1,620	1,970	350	21.6
REAL ESTATE AGENTS, BROKERS	130	170	40	30.8
REAL ESTATE BROKERS	20	30	10	50.0
SALES AGENTS, SALES REPS. REAL ESTATE	110	140	30	27.3
STOCK & BOND SALES AGENTS	70	50	-20	-28.6
PORTFOLIO MANAGERS	*	*	*	*
SALES AGENTS, SALES REPS., SECURITY	70	50	-20	-28.6
OTHER SALES WORKERS	10,230	12,190	1,960	19.2
SALES CLERKS	5,830	7,080	1,250	21.4
CRATING & MOVING ESTIMATORS	20	20	0	0.0
ALL OTHER SALES WORKERS	4,380	5,090	710	16.2
CLERICAL WORKERS	32,860	38,670	5,810	17.7
STENOS, TYPISTS, SECRETARIES	6,820	8,010	1,190	17.4
SECRETARIES	4,870	5,730	860	17.7
STENOGRAPHERS	550	640	90	16.4
TYPISTS	1,400	1,640	240	17.1
OFFICE MACHINE OPERATORS	1,420	1,650	230	16.2
BOOKKEEPING, BILLING OPERATORS	620	730	110	17.7
BOOKKEEPING/BILLING MACHINE OPERATORS	530	620	90	17.0
PROOF MACHINE OPERATORS	90	110	20	22.2
COMPUTER, PERIPHERAL EQUIP. OPERATORS	240	270	30	12.5
COMPUTER OPERATORS	190	220	30	15.8
PERIPHERAL EDP EQPT OPERATORS	50	50	0	0.0
DUPLICATING MACHINE OPERATORS	20	30	10	50.0
KEYPUNCH OPERATORS	440	510	70	15.9
TABULATING MACHINE OPERATORS	30	30	0	0.0
ALL OTHER OFFICE MACHINE OPERATORS	70	80	10	14.3
OTHER CLERICAL WORKERS	24,620	29,010	4,390	17.8
BANK TELLERS	770	890	120	15.6
NEW ACCOUNTS TELLERS	100	110	10	10.0
TELLERS	670	780	110	16.4
BOOKKEEPERS	2,770	3,280	510	18.4
ACCOUNTING CLERKS	870	1,010	140	16.1
BOOKKEEPERS, HAND	1,900	2,270	370	19.5
CASHIERS	3,450	4,370	920	26.7
CLERICAL SUPERVISORS	550	650	100	18.2
COLLECTORS, BILL & ACCOUNT	220	250	30	13.6
COUNTER CLERKS, EX FOOD	770	930	160	20.8
CAR RENTAL CLERKS	40	50	10	25.0
DESK CLERKS	150	220	70	46.7
ORDER CLERKS	540	610	70	13.0
CIRCULATION CLERKS	10	10	0	0.0
CLASSIFIED AD CLERKS, NEWSPAPER	10	10	0	0.0
TELEPHONE AD TAKERS, NEWSPAPER	10	10	0	0.0
DESK CLERKS, BOWLING FLOOR	10	20	10	100.0
DISPATCHERS, STARTERS, VEHICLE	30	30	0	0.0
ESTIMATORS, INVESTIGATORS, NEC	210	250	40	19.0
ADJUSTMENT CLERKS	80	100	20	25.0
CLAIMS CLERKS	80	90	10	12.5
CREDIT REPORTERS	10	20	10	100.0
LOAN CLOSERS, NEW CONSTRUCTION	10	10	0	0.0
CUSTOMER SERV. REPS., PRINT & PUBLISHING	10	10	0	0.0
BOX ESTIMATORS	20	20	0	0.0
PRODUCTION CLERKS	670	770	100	14.9
FILE CLERKS	620	710	90	14.5
FILE CLERKS	370	440	70	18.9
PERSONNEL CLERKS	240	260	20	8.3
ADMISSIONS EVALUATORS	10	10	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN GREENVILLE - SPARTANBURG SMSA
S.C. 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
CLAIM ADJUSTERS	110	140	30	27.3
CLAIM EXAMINERS, INSURANCE	10	20	10	100.0
CLAIM ADJUSTERS	100	120	20	20.0
LIBRARY ASSISTANTS	240	270	30	12.5
MAIL CARRIERS, POSTAL SERVICE	230	240	10	4.3
MAIL HANDLERS, EX POSTAL SERVICE	10	10	0	0.0
MESSENGERS & OFFICE HELPERS	40	50	10	25.0
MESSENGERS, BANK	10	10	0	0.0
MESSENGERS	30	40	10	33.3
METER READERS, UTILITIES	80	90	10	12.5
PAYROLL, TIME KEEPING CLERKS	500	560	60	12.0
POSTAL CLERKS	60	60	0	0.0
PROOFREADERS	20	20	0	0.0
RECEPTIONISTS	1,100	1,350	250	22.7
RECEPTIONISTS	670	850	180	26.9
SWITCHBOARD OPERS./RECEPTIONISTS	420	490	70	16.7
TRAVEL COUNSELORS, AUTO CLUB	10	10	0	0.0
SHIPPING, RECEIVING CLERKS	2,130	2,420	290	13.6
SHIPPING & RECEIVING CLERKS	1,090	1,240	150	13.8
SHIPPING PACKERS	1,040	1,180	140	13.5
STATISTICAL CLERKS	160	190	30	18.8
RATERS	120	140	20	18.2
METER READERS, TAXI	10	10	0	0.0
TALLY CLERKS, SAW MILL	*	*	*	*
COURT CLERKS	20	20	0	0.0
INSURANCE CHECKERS	10	20	10	100.0
STOCK CLERKS, STORE KEEPERS	2,030	2,400	370	18.2
PROCUREMENT CLERKS	80	90	10	12.5
STOCK CLERKS, STOCKROOM, WAREHOUSE, ETC	1,940	2,300	360	18.6
YARD CLERKS	10	10	0	0.0
TELEGRAPH OPERATORS	30	30	0	0.0
TELEPHONE OPERATORS	670	770	100	14.9
SWITCHBOARD OPERATORS	260	310	50	19.2
CENTRAL OFFICE OPERATORS	360	400	40	11.1
DIRECTORY ASSISTANCE OPERATORS	30	40	10	33.3
PRIVATE BRANCH SERVICE ADVISORS	10	10	0	0.0
SERVICE OBSERVERS	10	10	0	0.0
TICKET, STATION, EXPRESS AGENTS	50	60	10	20.0
STATION AGENTS	20	30	10	50.0
TRANSPORTATION AGENTS	30	30	0	0.0
WEIGHERS	100	110	10	10.0
ALL OTHER CLERICAL WORKERS	7,000	8,110	1,110	15.9
CALL-OUT OPERATORS	10	10	0	0.0
GENERAL CLERKS OFFICE	4,120	4,760	640	15.5
IN-FILE OPERATORS	10	10	0	0.0
POLICY CHANGE CLERKS	30	50	20	66.7
REAL ESTATE CLERKS	20	20	0	0.0
SAFE DEPOSIT CLERKS	10	10	0	0.0
STATEMENT CLERKS	50	60	10	20.0
TRAFFIC CLERKS	20	20	0	0.0
PROTECTIVE SIGNAL OPERATORS	10	10	0	0.0
SHADE TICKET MARKERS	20	30	10	50.0
SERVICE REPRESENTATIVES	100	100	10	10.0
RATE CLERKS, FREIGHT	40	40	0	0.0
TOWN CLERKS	20	30	10	50.0
MORTGAGE CLOSING CLERKS	30	30	0	0.0
SORTING CLERKS, BANK	30	30	0	0.0
INSURANCE CLERKS	20	20	0	0.0
INSURANCE CLERKS, MEDICAL	140	190	50	35.7
ALL OTHER OFFICE CLERICAL	900	1,070	170	18.9
ALL OTHER PLANT CLERICAL	1,420	1,610	190	13.4

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION IN GREENVILLE - SPARTANBURG SMSA S.C. 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
CRAFTS & KINDRED WORKERS	34,410	38,960	4,550	13.2
CONSTRUCTION CRAFTS WORKERS	6,690	7,850	1,160	17.3
CARPENTERS	1,910	2,210	300	15.7
CARPENTERS	1,910	2,210	300	15.7
BRICKMASONS & STONEMASONS	290	470	80	20.5
BRICKLAYERS	370	450	80	21.6
REFRACTORY MATERIALS REPAIRERS	20	20	0	0.0
BULLDOZER OPERATORS	10	10	0	0.0
CEMENT & CONCRETE FINISHERS	210	250	40	19.0
CEMENT MASONS	190	220	30	15.8
CONCRETE RUBBERS	10	20	10	100.0
ELECTRICIANS	1,240	1,440	200	16.1
EXCAVATING, GRADING MACHINE OPERATORS	720	860	140	19.4
CONCRETE MIXER OPERATORS	10	10	0	0.0
HEAVY EQUIPMENT OPERATORS	650	780	130	20.0
BATCH PLANT OPERATORS	30	40	10	33.3
BALLAST CLEAN MACHINE OPERATORS, ETC	30	30	0	0.0
PAINTERS, CONSTRUCTION, MAINTENANCE	680	810	130	19.1
PAPERHANGERS	10	10	0	0.0
PLASTERERS	20	30	10	50.0
PLUMBERS & PIPEFITTERS	970	1,140	170	17.5
PLUMBERS &/OR PIPEFITTERS	970	1,140	170	17.5
ROOFERS	200	240	40	20.0
STRUCTURAL STEEL WORKERS	260	300	40	15.4
TILE SETTERS	70	80	10	14.3
TILE SETTERS	50	60	10	20.0
CEILING TILE INSTALLRS., FLR. LYRS	20	20	0	0.0
BLUE COLLAR WORKER SUPERVISORS	4,770	5,350	580	12.2
SUPERVISORS, NONWORKING	4,770	5,350	580	12.2
METALWORKING CRAFTS WORKERS, EX MECHANICS	3,020	3,600	580	19.2
BOILERMAKERS	80	90	10	12.5
HEAT TREATERS, ANNEALERS, ETC.	120	150	30	25.0
FORGE & HAMMER OPERATORS	10	10	0	0.0
JOB & DIE SETTERS, METAL	390	480	90	23.1
MACHINE TOOL SETTERS, METALWORKING	330	400	70	21.2
PUNCH PRESS SETTERS, METAL	40	60	20	50.0
SETTERS, PLASTIC MOLDING MACHINE	20	20	0	0.0
MACHINISTS	950	1,100	150	15.8
LAYOUT MARKERS, METAL	80	100	20	25.0
MACHINISTS	870	1,100	230	26.4
MILLWRIGHTS	350	420	70	20.0
MOLDERS, METAL	80	100	20	25.0
MOLDERS, BENCH &/OR FLOOR	10	20	10	100.0
MOLDERS, MACHINE (METAL)	70	80	10	14.3
PATTERN & MODEL MAKERS	10	10	0	0.0
SHEET METAL WORKERS, TINSMITHS	700	840	140	20.0
TOOLMAKERS & DIEMAKERS	330	400	70	21.2
MECHANICS, REPAIRERS, INSTALLERS	9,560	10,460	900	9.4
AIR COND. HEATING, REFRIG MECHANICS	600	720	120	20.0
REFRIG. MECHANICS, A/C MECHANICS	450	540	90	20.0
FURNACE INSTALLERS & REPAIRERS	120	140	20	16.7
OIL BURNER INSTALLERS, SERVICERS	30	40	10	33.3
AIRCRAFT MECHANICS	160	150	-10	-6.2
AUTO SEAT COVER, TOP INSTALLERS	20	20	0	0.0
AUTO BODY REPIARERS	270	320	50	18.5
AUTO MECHANICS	1,790	2,070	280	15.6
AUTOMOTIVE MECHANICS	1,770	2,050	280	15.8
ATUO REPAIR SERVICE ESTIMATORS	20	20	0	0.0
DATA PROCESSING MACHINE MECHANICS	10	10	0	0.0
FARM EQUIPMENT MECHANICS	20	30	10	50.0

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OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
HEAVY EQUIP. MECHS., INCLUDING DIESEL	2,990	3,210	220	7.4
ENGINEERING EQUIPMENT MECHANICS	280	320	40	14.3
HYDROELECTRIC MACHINE MECHANICS, ETC.	30	30	0	0.0
MARINE MECHANICS/REPAIRERS	40	40	0	0.0
MAINTENANCE MECHANICS	1,290	1,450	160	12.4
POWER TRANSFORMER REPAIRERS	10	10	0	0.0
KNITTING MACHINE FIXERS	280	280	0	0.0
SECTION REPAIRERS & SETTERS	1,060	1,080	20	1.9
HOUSEHOLD APPLIANCE MECHANICS	110	120	10	9.1
ELECTRIC METER INSTALLERS, ETC.	10	10	0	0.0
GAS METER INSTALLERS	10	10	0	0.0
HOUSEHOLD APPLIANCE INSTALLERS	50	50	0	0.0
HOUSEHOLD APPLIANCE REPAIRERS	40	50	10	25.0
LOOM FIXERS	2,070	2,090	20	1.0
OFF. MACHINE SERVICERS/CASH REG. SERV.	140	170	30	21.4
RADIO, TELEVISION REPAIRERS	130	140	10	7.7
RADIO MECHANICS	10	10	0	0.0
TV SERVICERS & REPAIRERS, ETC	120	130	10	8.3
RAILROAD CAR SHOP REPAIRERS	90	100	10	11.1
SIGNAL MAINTAINERS	30	30	0	0.0
CAR REPAIRERS	60	70	10	16.7
OTHER MECHANICS & REPAIRERS	1,160	1,310	150	12.9
BICYCLE REPAIRERS	10	10	0	0.0
ELECTRIC MOTOR REPAIRERS	60	60	0	0.0
LOCKSMITHS	20	20	0	0.0
COIN MACHINE SERVICERS, REPAIRERS	70	80	10	14.3
SEWING MACHINE MECHANICS	110	110	0	0.0
PROTECTIVE SIGNAL INST./REPAIRERS	30	40	10	33.3
INSTRUMENT REPAIRERS	130	150	20	15.4
DIESEL MECHANICS	250	300	50	20.0
PINSETTER MECHANICS, AUTOMATIC	10	10	0	0.0
SIGN ERECTORS	20	30	10	50.0
ALL OTHER MECHANICS & REPAIRERS	450	500	50	11.1
PRINTING TRADE CRAFTS WORKERS	700	790	90	12.9
BOOKBINDERS	80	90	10	12.5
SETTERS, BINDERY MACHINES	10	10	0	0.0
BINDERY WORKERS	70	80	10	14.3
COMPOSITORS & TYPESETTERS	160	180	20	12.5
HAND COMPOSITORS	20	20	0	0.0
IMPOSERS & MAKEUP ARRANGERS	10	20	10	100.0
LINECASTING MACHINE OPERATORS	20	30	10	50.0
PHOTOTYPESETTING MACHINE MONITORS	10	10	0	0.0
LINECASTING MACH. KEYBOARD OPERATORS	30	30	0	0.0
PASTEUP MEN/WOMEN	50	50	0	0.0
PHOTOTYPESETTING MACH. KEYBOARD OPERATORS	20	20	0	0.0
ELECTROTYPERS, STEREOTYPERS	10	10	0	0.0
ENGRAVERS, EX PHOTOENGRAVERS	30	30	0	0.0
ETCHERS &/OR ENGRAVERS	30	30	0	0.0
PHOTOENGRAVERS, LITHOGRAPHERS	80	100	20	25.0
STRIPPERS	20	20	0	0.0
CAMERA OPERATORS, PRINTING	30	40	10	33.3
PHOTOENGRAVERS	30	40	10	33.3
PRESS & PLATE PRINTERS	340	380	40	11.8
PRESS OPERATORS, PLATE PRINTERS	150	170	20	13.3
OFFSET LITHOGRAPHIC PRESS OPERATORS	100	120	20	20.0
PLATEMAKERS	20	20	0	0.0
LETTER PRESS OPERATORS	70	70	0	0.0
TRANS., PUB. UTIL. CRAFT WORKERS	1,080	1,200	120	11.1
ELECT. POWER LINE INST., REPAIRERS	340	380	40	11.8
LINE INSTALLERS, REPAIRERS	340	380	40	11.8

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LOCOMOTIVE ENGINEERS	80	90	10	12.5
HOSTLERS	10	20	10	100.0
LOCOMOTIVE ENGINEERS	70	70	0	0.0
POWER STATION OPERATORS	10	10	0	0.0
DISPATCHERS, LOAD	10	10	0	0.0
TELEPHONE INSTALLERS, REPAIRERS	650	720	70	10.8
INSTALLERS, REPAIRERS, SEC MAINTS.	20	30	10	50.0
STATION INSTALLERS	230	250	20	8.7
CABLE REPAIRERS	60	60	0	0.0
CABLE INSTALLERS	20	20	0	0.0
FRAME WIRERS	30	40	10	33.3
CENTRAL OFFICE REPAIRERS	130	140	10	7.7
TROUBLE LOCATORS, TEST DESK	60	70	10	16.7
TELETYPE INSTALLERS	100	110	10	10.0
OTHER CRAFTS, KINDRED WORKERS	8,590	9,710	1,120	13.0
BAKERS	130	160	30	23.1
CABINETMAKERS	90	100	10	11.1
CARPET CUTTERS, CARPET LAYERS	70	80	10	14.3
CRANE, DERRICK, HOIST OPERATORS	160	190	30	18.8
MERCHANDISE DISPLAYERS & WINDOW TRMRS.	40	50	10	25.0
DENTAL LAB TECHNICIANS	60	80	20	33.3
FURNITURE FINISHERS	20	20	0	0.0
GLAZIERS	80	90	10	12.5
GLASS INSTALLERS	10	10	0	0.0
GLAZIERS	70	80	10	14.3
INSPECTORS, LOG & LUMBER	20	20	0	0.0
LUMBER GRADERS	10	10	0	0.0
VENEER GRADERS	10	10	0	0.0
OTHER INSPECTION OCCUPATIONS	4,190	4,610	420	10.0
INSPECTORS	3,300	3,560	260	7.9
TESTERS	890	1,050	160	18.0
JEWELERS & WATCHMAKERS	40	50	10	25.0
JEWELERS &/OR SILVERSMITHS	20	20	0	0.0
WATCHMAKERS	20	30	10	50.0
MOTION PICTURE PROJECTIONISTS	50	50	0	0.0
OPTICIANS, LENS GRINDERS, POLISHERS	70	90	20	28.6
LENS GRINDERS	10	20	10	100.0
OPTICIANS, DISP. &/OR OPTIC MECHANICS	60	70	10	16.7
SHIPFITTERS	10	20	10	100.0
SHOE REPAIRERS	10	10	0	0.0
STATIONARY ENGINEERS	170	190	20	11.8
CONTROL ROOM OPERATORS, STEAM	20	20	0	0.0
AUXILIARY EQUIPMENT OPERATORS	10	10	0	0.0
STATIONARY ENGINEERS	70	80	10	14.3
WATER TREATMENT PLANT OPERATORS	70	80	10	14.3
TAILORS	190	220	30	15.8
ALTERATION TAILORS	140	170	30	21.4
SAMPLE MAKERS	50	50	0	0.0
UPHOLSTERERS	100	110	10	10.0
FURNITURE UPHOLSTERERS	20	30	10	50.0
SPRINGERS	10	10	0	0.0
UPHOLSTERY TRIMMERS	10	10	0	0.0
UPHOLSTERERS	40	40	0	0.0
UPHOLSTERY CUTTERS	10	10	0	0.0
CASKET COVERERS/CASKET LINERS	10	10	0	0.0
CRAFTS & KINDRED WORKERS , NEC	3,090	3,570	480	15.5
MACHINE SETTERS, WOODWORKING	30	30	0	0.0
INSTRUCTORS, APPAREL & TEXT MACHINES	90	100	10	11.1
MACHINE SETTERS, PAPER GOODS	80	90	10	12.5

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MAINTENANCE REPAIRERS, GEN. UTILITY	1,650	1,940	290	17.6
MOBILE HOME REPAIRERS	10	10	0	0.0
MUSICAL INSTRUMENTS REPAIRERS	30	30	0	0.0
ALL OTHER SKILLED CRAFT WORKERS	1,200	1,370	170	14.2
OPERATIVES	67,690	75,070	7,380	10.9
OPERATIVES, EX. TRANSPORTATION	46,300	50,780	4,480	9.7
SEMISKILLED METALWORKING OPERATORS	4,250	5,140	890	20.9
DRILL PRESS OPERATIVES	520	650	130	25.0
DRILL PRESS/BORING MACHINE OPERATORS	520	650	130	25.0
FURNACE TENDERS, SMELTERS, POURERS	50	70	20	40.0
CASTERS, INGOTS & PIGS	10	10	0	0.0
POURERS, METAL	40	60	20	50.0
GRINDING/BRADING MACHINE OPERS., METAL	400	510	110	27.5
HEATERS, METAL	10	10	0	0.0
LATHE, MILLING MACHINE OPERATIVES	710	880	170	23.9
LATHE OPERATORS, WOOD	10	10	0	0.0
LATHE/TURN MACHINE OPERATORS, METAL	450	560	110	24.4
MILLING/PLANING MACHINE OPERATORS	240	300	60	25.0
SHAPER &/OR ROUTER OPERATORS	10	10	0	0.0
METAL PLATERS	90	100	10	11.1
ELECTROPLATERS	70	70	0	0.0
DIP PLATERS, NONELECTROLYTIC	20	30	10	50.0
OTHER PRECISION MACHINE OPERATORS	680	820	140	20.6
BORING MACHINE OPERATORS, WOOD	90	90	0	0.0
MACHINE TOOL OPERATORS, COMBO	390	490	100	25.6
MACHINE TOOL OPERATORS, NUM. CONT.	60	80	20	33.3
WOOD MACHINISTS	80	90	10	12.5
MACHINE TOOL OPERATORS, TOOL ROOM	60	70	10	16.7
PUNCH, STAMPING PRESS OPERATORS	600	700	100	16.7
PUNCH PRESS OPERATORS, METAL	540	630	90	16.7
POWER BRAKE, BENDING MACHINE OPRS., METAL	60	70	10	16.7
WELDERS & FLAME CUTTERS	1,190	1,400	210	17.6
SEMISKILLED TEXTILE OPERATORS	19,150	19,610	460	2.4
CARDING, LAPPING, COMBING OPERATORS	1,780	1,820	40	2.2
CARD GRINDERS	130	130	0	0.0
CARD TENDERS, COMBER TENDERS, ETC	680	700	20	2.9
DRAWING-IN MACHINE TENDERS	160	160	0	0.0
PICKER TENDERS	210	210	0	0.0
SLUBBER TENDERS	440	460	20	4.5
DRAWER-IN, HAND	160	160	0	0.0
KNITTERS, LOOPERS, & TOPPERS	810	800	-10	-1.2
KNITTERS, FULL FASHIONED GARMENT	30	30	0	0.0
KNITTERS MACHINE OPERATORS	670	670	0	0.0
LINK-&-LINK HAND KNIT MACHINE OPERATORS	20	20	0	0.0
LOOPERS, HOSIERY	60	50	-10	-16.7
WARP KNITTING MACHINE OPERATORS	30	30	0	0.0
SPINNERS, TWISTERS, & WINDERS	9,850	10,190	340	3.5
BEAM WARPER TENDERS &/OR BEAMERS	590	610	20	3.4
BOBBIN WINDERS, MACH./SEWING MACHINE	60	60	0	0.0
CLOTH OR CARPET WINDERS	100	100	0	0.0
CREELERS, YARN	1,030	1,110	80	7.8
DOFFERS	2,190	2,260	70	3.2
DRESSER TENDERS	10	20	10	100.0
LOOM WINDER TENDERS	190	190	0	0.0
QUILLING MACHINE OPERATORS	250	250	0	0.0
SPEEDER TENDERS	180	190	10	5.6
SPINNERS, FRAME	2,490	2,550	60	2.4
THREADERS, KNIT GOODS	20	20	0	0.0
WARP TYING MACHINE TENDERS	430	430	0	0.0
WINDER OPERATORS, AUTOMATIC	620	650	30	4.8
YARN WINDERS	900	950	50	5.6

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OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
SPOOLER OPERATORS, AUTOMATIC	760	770	10	1.3
ROPE LAYING MACHINE OPERATORS	30	30	0	0.0
WEAVERS	4,280	4,330	50	1.2
NEEDLE-FELT-MAKING MACH. OPERATORS, ETC	50	50	0	0.0
SMASH HANDS	320	320	0	0.0
WEAVERS	3,910	3,960	50	1.3
OTHER TEXTILE OPERATOVES	2,430	2,470	40	1.6
BLEACH-RANGE OPERS., KNIT GDS. BLCHRS.	70	70	0	0.0
BOARDING MACH. OPERATORS, HOSIERY	20	20	0	0.0
BOIL-OFF MACHINE OPERATORS, CLOTH	30	30	0	0.0
BURLERS	90	100	10	11.1
CALENDERING MACH. OPERATORS, KNIT GDS.	20	20	0	0.0
CLOTH FEEDERS &/OR BACK TENDERS	250	260	10	4.0
CLOTH FINISHING RANGE TENDERS, MEDDLE	170	170	0	0.0
CLOTH FINISHING RANGE OPERS., CHIEFS	210	210	0	0.0
CLOTH SHRINKING MACHINE OPERTAORS	70	70	0	0.0
DRY CANS OPERATORS, CLOTH	50	50	0	0.0
FULLERS, TEXTILE	*	10	10	100.0
HARNESS BUILDERS, LOOM CHANGERS, ETC	140	150	10	7.1
HARNESS PLACERS	140	140	0	0.0
MERCERIZER OPERATORS, & MANGLE TENDERS	70	80	10	14.3
NAPPER TENDERS	60	50	-10	-16.7
OPENER TENDERS/WASTE MACHINE TENDERS	190	190	0	0.0
RUBBER COVERING MACHINE OPERATORS	10	10	0	0.0
SCOURING TRAIN OPERATORS	30	20	-10	-33.3
SCREEN PRINTING MACHINE OEPRATORS	60	50	-10	-16.7
SLASHER TENDERS	340	350	10	2.9
TENTER FRAME OPERATORS	160	170	10	6.2
FOLDERS, HAND	250	250	0	0.0
SEMISKILLED PACKING, INSPECTING OPERS.	2,900	3,560	660	22.8
PACKERS, WRAPPERS, EX MEAT, PROD.	2,900	3,550	650	22.4
PRODUCTION PACKAGERS	1,810	2,160	350	19.3
BUNDLERS	140	140	0	0.0
BAGGERS	950	1,250	300	31.5
OTHER OPERATIVES, EX TRANSPORT	20,000	22,470	2,470	12.4
ASBESTOS & INSULATION WORKERS	270	320	50	18.5
ASSEMBLERS	3,140	3,810	670	21.3
ASSEMBLERS, HAND	3,080	3,740	660	21.4
PLASTIC TOP INSTALLERS	10	10	0	0.0
WIRERS, ELECTRONIC	10	10	0	0.0
COIL FINISHERS	40	50	10	25.0
BLASTERS	10	10	0	0.0
SURVEYORS HELPERS	240	290	50	20.8
CLOTHING IRONERS & PRESSERS	530	590	60	11.3
PRESSERS, HAND	40	40	0	0.0
PRESSERS, MACHINE	250	270	20	8.0
PRESSERS, MACHINE, LAUNDRY	210	250	40	19.0
SHAPERS & PRESSERS	30	30	0	0.0
CUTTING OPERATIVES, NEC	190	210	20	10.5
AUTOMATIC CLIPPERS, VENEER	10	10	0	0.0
CORRUGATOR-KNIFE OPERATORS	10	10	0	0.0
DICER OPERATORS	30	30	0	0.0
PATTERN CUTTERS	20	20	0	0.0
RUBBER GDS. CUTTER-FINISHER OPERATORS	20	20	0	0.0
STAPLE CUTTERS/ST. PROC. MACH. OPERS.	50	50	0	0.0
TENONER OPERATORS	10	10	0	0.0
CUTTING MACHINE OPERATORS, FOOD	20	30	10	50.0
PLANER OPERATORS	10	10	0	0.0
DRESSMAKERS, EX FACTORY	20	30	10	50.0
DRILLERS, EARTH	10	10	0	0.0
DRILLERS, MACHINE	10	10	0	0.0
DRY WALL INSTALLERS, LATHERS	100	120	20	20.0

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DRY WALL APPLICATORS	50	60	10	20.0
LATHERS	10	20	10	100.0
TAPERS	40	40	0	0.0
DYERS	560	560	0	0.0
AGER OPERATORS	10	10	0	0.0
BEAM DYER OPERS./PKG. DYE MACHINE OPERS.	50	60	10	20.0
DYE RANGE OPERS./SP. DYE BECK TENDERS	270	270	0	0.0
DYE REEL OPERS., JIGGERS, PAD MACH. OPERS.	110	110	0	0.0
DYE TUB OPERS., RANDOM DYERS, ETC	100	100	0	0.0
SKEIN YARN DYERS	20	20	0	0.0
FILERS, POLISHERS, SANDERS, BUFFERS	450	550	100	22.2
FILERS, GRINDERS, BUFFERS, CHIPPERS	430	530	100	23.3
SANDBLASTERS/SHOTBLASTERS	20	20	0	0.0
GARAGEWORKERS, GAS STATION ATTENDANTS	1,140	1,290	150	13.2
FUEL PUMP ATTENDANTS, LUBRICATORS	940	1,060	120	12.8
TIRE CHANGERS	200	230	30	15.0
LAUNDRY, DRYCLEANING OPERS. NEC	400	470	70	17.5
MARKERS, CLASSIFIERS, ASSEMBLERS	70	80	10	14.3
SPOTTERS, DRYCLEANING	10	20	10	100.0
SPOTTERS, WASHABLE MATERIALS	10	10	0	0.0
WASHERS, MACH. &/OR STARCHERS	100	120	20	20.0
TUMBLER OPERATORS	10	10	0	0.0
DRYCLEANING MACHINE OPERATORS	50	50	0	0.0
LAUNDRY OPERATORS, SMALL ESTABLISHMENT	70	90	20	28.6
RUG CLEANERS, HAND	10	10	0	0.0
RUG CLEANERS MACHINE	10	10	0	0.0
FOLDERS, LAUNDRY	50	60	10	20.0
WASHERS, SYNTHETIC FIBERS	10	10	0	0.0
MEAT CUTTERS, BUTCHERS	110	120	10	9.1
BONERS, MEAT	40	40	0	0.0
BONERS, POULTRY	20	20	0	0.0
BUTCHERS, ALL-AROUND	40	40	0	0.0
FISH CLEANERS, HAND/BUTCHERS, FISH	10	10	0	0.0
MINE OPERATIVES, NEC	20	30	10	50.0
PANELBOARD OPERATORS, GRIND MILL OPS.	10	10	0	0.0
MILL &/OR GRINDER OPERATORS, MINERALS	10	20	10	100.0
MIXING OPERATIVES	40	50	10	25.0
ASPHALT MIXERING MACHINE TENDERS	*	*	*	*
SAND MIXERS, HAND OR MACHINE	10	10	0	0.0
MIXERS, FOOD & TOBACCO	20	30	10	50.0
OILERS	310	330	20	6.5
PAINTERS, MFG. ARTICLES	170	200	30	17.6
PAINTERS, AUTOMOTIVE	50	60	10	20.0
PAINTERS, PRODUCTION	120	140	20	16.7
PHOTOGRAPHIC PROCESS WORKERS	80	90	10	12.5
DEVELOPERS, PROJECTION PRINTERS	20	20	0	0.0
MULTIPLE PHOTO PRINTER OPERATORS	10	20	10	100.0
PHOTO CHECKERS & ASSEMBLERS	20	20	0	0.0
COPY CAMERA OPERATORS	20	20	0	0.0
RETOUCHERS (ARTISTS)	10	10	0	0.0
RIVETERS & FASTENERS	10	20	10	100.0
SAWYERS	150	180	30	20.0
BAND SCROLL SAW OPERATORS	10	10	0	0.0
CUT-OFF SAW OPERATORS, LUMBER	20	20	0	0.0
EDGERS, AUTOMATIC &/OR PONY	10	10	0	0.0
HEAD SAWYERS	30	40	10	33.3
RIPSAW OPERATORS	20	20	0	0.0
SAWYERS, METAL	30	40	10	33.3
SAWYERS, PLASTICS	10	20	10	100.0
TRIM SAW OPERATORS	10	10	0	0.0
VARIETY SAW OPERATORS	10	10	0	0.0

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SEWERS & STITCHERS	6,660	6,870	210	3.2
MENDERS	30	40	10	33.3
SEWING MACH. OPERS., REG. EQUIPT. NONGAR.	390	420	30	7.7
BAG SEWERS	20	20	0	0.0
GARMENT REPAIRERS	60	60	0	0.0
MENDERS, CLOTH	250	280	30	12.0
SEWING MACH. OPERS., SPEC. EQUIPT., NONGAR.	430	450	20	4.7
SEWING MACH. OPERS., SPEC. EQUIPT., GAR	570	580	10	1.8
SEWING MACH. OPERS., REG. EQUIPT., GAR.	4,910	5,020	110	2.2
SHOEMAKING MACHINE OPERATORS	20	20	0	0.0
SKIVERS	10	10	0	0.0
TRIMMERS, MACHINE	10	10	0	0.0
FURNACE TENDERS, STLKRS., EX METAL	90	100	10	11.1
STATIONARY BOILER FIRERS	90	100	10	11.1
WINDING OPERATIVES, NEC	380	460	80	21.1
CONVOLUTE OR SPIRAL TUBE WINDERS	70	90	20	28.6
PAPER REEL OPERS., REWINDER OPERS.	30	30	0	0.0
COIL WINDERS	280	340	60	21.4
MISC. MACH. OPERS., MEAT & DAIRY PROD.	60	60	0	0.0
CASING FINISHERS &/OR STUFFERS	10	10	0	0.0
DAIRY PROCESSING EQUIPT. OPERATORS	30	30	0	0.0
MEAT GRINDERS	10	10	0	0.0
COOKS &/OR COOKERS	10	10	0	0.0
MISC. MACH. OPERS., ALL OTHER FOOD PROD.	100	120	20	20.0
DOUGHNUT MAKERS/DOUGHNUT MACH. OPERATORS	30	30	0	0.0
DIVIDING MACHINE OPERATORS, ETC	10	10	0	0.0
DYE TANK TENDERS, ETC	20	20	0	0.0
LINTER MACHINE TENDERS	10	10	0	0.0
OVEN OPERATORS	10	20	0	0.0
BATTER SCALERS	20	20	0	0.0
MISC. MACH. OPERS., TEXTILE MILL, PROD.	750	810	60	8.0
LAMINATING MACHINE OPERATORS, ETC	110	130	20	18.2
CALENDER OPERATORS, CLOTH PRESSING	30	40	10	33.3
DRIER & REWINDER OPERATORS, RUGBACKING	10	10	0	0.0
BLENDING MACHINE OPERATORS	70	70	0	0.0
COATING MACHINE OPERATORS	40	40	0	0.0
CLOTH TRIMMERS, MACHINE, ETC	260	290	30	11.5
FUSING MACHINE OPERATORS	10	10	0	0.0
FOLDING MACHINE OPERATORS	220	220	0	0.0
MISC. MACH. OPERS. LUMBER PROD., FURN.	40	40	0	0.0
TREATING ENGINEERS	10	10	0	0.0
VENEER DRIERS	10	10	0	0.0
HOT PLATE PLYWOOD PRESS OPERATORS	10	10	0	0.0
POWER BARKER OPERATORS	10	10	0	0.0
MISC. MACH. OPERS. PAPER, ALLIED PROD.	380	440	60	15.8
WET MACHINE TENDERS	10	20	10	100.0
COATER OPERATORS, OFF-MACHINE	20	20	0	0.0
PAPER CUP MACHINE OPERATORS	20	20	0	0.0
PRINTER-SLOTTER OPERATORS	10	10	0	0.0
TAPING MACHINE OPERATORS	10	20	10	100.0
WAXING MACHINE OPERATORS	30	30	0	0.0
BAG MACHINE OPERATORS	140	160	20	14.3
AUTOMATIC ASSEMBLY MACHINE ATTENDANTS	80	90	10	12.5
BOTTOMING MACHINE OPERATORS, ETC	20	30	10	50.0
CUTTING & CREASING PRESS OPERATORS	10	10	0	0.0
CORRUGATOR OPERATORS	10	10	0	0.0
SCRAPPERS/STRIPPERS	10	10	0	0.0
MISC. MACH. OPERS., CHEMICAL, ALLIED PROD.	1,120	1,240	120	10.7
PULVERIZER & DRIER TENDERS	40	40	0	0.0
SPINNERS, SYNTHETIC FILAMENTS	380	420	40	10.5

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
IN GREENVILLE - SPARTANBURG SMSA
S.C. 1976 AND PROJECTED 1982

OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
DRAW MACHINE OPERATORS	230	250	20	8.7
EVAPORATOR OPERATORS, CHEMICAL	10	10	0	0.0
COMPRESSORS, TABLET	10	10	0	0.0
STILL OPERATORS, BATCH OR CONTINUOUS	10	10	0	0.0
CHEMICAL OPERATOR HELPERS	90	100	10	11.1
CHEMICAL OPERATORS A	160	180	20	12.5
CHEMICAL OPERATORS B	80	90	10	12.5
GRINDER OPERATORS, CHEMICAL	20	30	10	50.0
CHIEF OPERATORS	90	100	10	11.1
MISC. MACH. OPERS. RUBBER, MISC. PLASTIC	550	800	250	45.5
RUBBER MILL OPERATORS	180	330	150	83.3
RUBBER GRINDER-FINISHER OPERATORS	20	30	10	50.0
SPLICERS	10	10	0	0.0
TUBER MACHINE OPERATORS	20	30	10	50.0
PRESS TENDERS, RUBBER GOODS	10	10	0	0.0
CALENDER OPERATORS	30	60	30	100.0
BELT BUILDERS	30	40	10	33.3
CALENDER OPERATORS, PLASTICS	20	20	0	0.0
COMPRESSOR &/OR INJECT MOLD MACHINE OPERATORS PLASTIC	140	170	30	21.4
EXTRUDER OPERATOR HELPERS	70	80	10	14.3
MISC. MACH. OPERS., STONE, CLAY GLASS	90	100	10	11.1
CAGE MAKERS, HAND OR MACHINE	10	10	0	0.0
BATTERS-OUT	10	10	0	0.0
BLOCKMAKING MACHINE OPERATORS	10	10	0	0.0
CONCRETE STONE FABRICATORS	10	10	0	0.0
BRAIDING MACHINE OPERATORS	30	30	0	0.0
MILLERS, CLAY	10	10	0	0.0
MISC. MACH. OPERS. PRIMARY METALS	100	130	30	30.0
COREMAKERS, MACHINE	10	20	10	100.0
IMPREGNATORS, ELECTRONIC	70	80	10	14.3
BODYMAKER OPERATORS, TIN CAN	20	30	10	50.0
MISC. MACH. OPERS. MFG. NEC	860	1,020	160	18.6
COREMAKERS, HAND BENCH, FLOOR	20	30	10	50.0
GLUERS	70	70	0	0.0
LAMINATORS, PREFORMS	40	30	-10	-25.0
PRESS OPERATORS, PLASTICS	10	10	0	0.0
TUBE MOLDERS, FIBERGLASS	10	10	0	0.0
ENCAPSULATORS	670	820	150	22.4
SILK SCREEN PRINTERS, ELECTRONIC	10	20	10	100.0
LOADING MACHINE OPERATORS	10	10	0	0.0
SOABAR OPERATORS	20	20	0	0.0
MISC. MACH. OPERS., NONMFG	110	130	20	18.2
TIRE FABRICATORS, REPAIRERS	100	120	20	20.0
GRANULATOR MACHINE OPERATORS	10	10	0	0.0
OPERATIVES, NEC, DURABLE GOODS	150	180	30	20.0
CASTERS, POTTERY & PORCELAIN	110	130	20	18.2
CONCRETE PIPE MAKERS	10	10	0	0.0
FINISHERS, HAND	20	20	0	0.0
PIPE STRIPPERS	10	10	0	0.0
OPERATIVES, NEC, NONDURABLE GOODS	460	510	50	10.9
CURERS, RUBBER GOODS	60	90	30	50.0
BAKER HELPERS	50	50	0	0.0
CALENDER OPERATOR HELPERS	20	20	0	0.0
DIE MOUNTERS	30	40	10	33.3
DRAPERS	10	10	0	0.0
POULTRY DRESSERS, EVISCERATORS	70	70	0	0.0
PRINTER-SLOTTER FEEDERS	20	20	0	0.0
SHUTTLERS, EMBROIDERY	40	50	10	25.0
SINGERS, CLOTH	10	10	0	0.0
THREAD TRIMMERS	90	90	0	0.0

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OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
FINISHERS, POTTERY & PORCELAIN	10	10	0	0.0
PURIFICATION OPERATORS, ETC	10	10	0	0.0
PRESS ASSISTANTS & FEEDERS	20	20	0	0.0
MAILERS	20	20	0	0.0
OPERATIVES, NEC, NONMFG.	130	160	30	23.1
BILLPOSTERS	10	10	0	0.0
EXTERMINATORS	70	90	20	28.6
TERMITE TREATERS	40	40	0	0.0
TERMITE TREATER HELPERS	10	20	10	100.0
TRANSPORT EQUIPMENT OPERATIVES	8,710	10,070	1,360	15.6
BUS DRIVERS	290	330	40	13.8
DELIVERY & ROUTE WORKERS	2,120	2,390	270	12.7
FORK LIFT, TOW MOTOR OPERATORS	1,400	1,550	150	10.7
INDUSTRIAL TRUCK OPERATORS	1,390	1,540	150	10.8
LOG HANDLING EQUIPMENT OPERATORS	10	10	0	0.0
PARKING ATTENDANTS	10	10	0	0.0
TAXICAB DRIVERS, CHAUFFEURS	120	130	10	8.3
AMBULANCE DRIVER	50	60	10	20.0
TAXI DRIVERS	50	50	0	0.0
CHAUFFEURS	10	20	10	100.0
TRUCK DRIVERS	4,770	5,660	890	18.7
ALL OTHER SEMISKILLED WORKERS	12,680	14,220	1,540	12.1
SERVICE WORKERS	25,910	32,110	6,200	23.9
CLEANING SERVICE WORKERS	7,100	8,490	1,390	19.6
JANITORS & SEXTONS	7,100	8,490	1,390	19.6
FOOD SERVICE WORKERS	10,530	13,740	3,210	30.5
BAKERS, BREAD &/OR PASTRY	120	140	20	16.7
BARTENDERS	140	180	40	28.6
WAITERS ASSISTANTS	560	760	200	35.7
COOKS, EX PRIVATE	2,540	3,190	650	25.6
COOKS, SHORT ORDER/SPEC. FAST FOOD	770	1,040	270	35.1
COOKS, RESTAURANT	550	750	200	36.4
COOKS, INSTITUTIONAL	1,220	1,400	180	14.8
BUTCHERS &/OR MEAT CUTTERS	590	770	180	30.5
WAITERS	2,660	3,600	940	35.3
HOST/HOSTESSES, REST. LNGE., COF. SHOP	100	140	40	40.0
WAITERS OR WAITRESSES	2,560	3,460	900	35.2
FOOD WORKERS NEC, EX PRIVATE	3,920	5,100	1,180	30.1
FD. PREP. & SERV. WORKERS, FAST FD. REST.	1,330	1,810	480	36.1
PANTRY SANDWICH &/OR COFFEE SHOP	120	170	50	41.7
ALL OTHER FOOD SERVICE WORKERS	2,470	3,120	650	26.3
HEALTH SERVICE WORKERS	2,250	2,820	570	25.3
NURSES AIDES, ORDERLIES	2,250	2,820	570	25.3
NURSES AIDE/ORDERLY	2,250	2,820	570	25.3
PERSONAL SERVICE WORKERS	1,450	1,700	250	17.2
ATTNS., RECREATION, AMUSEMENT	210	260	50	23.8
RECREATION FACILITY ATTENDANTS	170	200	30	17.6
GAME OPERS., RIDE OPERS. CONCESS WRKRS.	20	30	10	50.0
PIN CHASERS	10	20	10	100.0
LIFEGUARDS	10	10	0	0.0
ATTNS., PERSONAL SERVICE, NEC	200	270	70	35.0
COSTUMER	60	80	20	33.3
FUNERAL ATTENDANTS	40	40	0	0.0
MASSEURS OR MASSEUSES	10	10	0	0.0
INSTRUCTORS, REDUCING	10	20	10	100.0
HOUSEKEEPERS, HOTEL & MOTEL	80	110	30	37.5

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OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982 NET CHANGE	1976 - 1982 PERCENT CHANGE
BAGGAGE PORTERS & BELLHOPS	50	70	20	40.0
BARBERS	50	60	10	20.0
CHILD CARE WORKERS, EX PRIVATE	290	320	30	10.3
CHILD CARE ATTENDANTS	10	10	0	0.0
CHILD CARE WORKERS	280	310	30	10.7
ELEVATOR OPERATORS	60	60	0	0.0
HAIRDRESSERS, COSMETOLOGISTS	440	490	50	11.4
COSMETOLOGISTS/WM'S HAIRSTYLISTS	400	450	50	12.5
MANICURISTS	10	10	0	0.0
SCALP TREATMENT OPERATORS	10	10	0	0.0
SHAMPOOERS	20	20	0	0.0
SCHOOL MONITORS	20	30	10	50.0
USHERS, LOBBY ATTNS., TICKET TAKERS	40	40	0	0.0
WELFARE SERVICE AIDES	90	100	10	11.1
PROTECTIVE SERVICE WORKERS	3,070	3,560	490	16.0
CROSSING GUARDS, BRIDGETENDERS	100	120	20	20.0
CROSSING OR BRIDGE TENDERS	50	60	10	20.0
SCHOOL CROSSING GUARDS	50	60	10	20.0
FIREFIGHTERS	400	450	50	12.5
FIRE FIGHTERS	360	410	50	13.9
FIRE INSPECTORS	10	10	0	0.0
FIRE OFFICERS	30	30	0	0.0
GUARDS	1,540	1,810	270	17.5
GUARDS & DOORKEEPERS	1,390	1,630	240	17.3
CHECKERS, FITTING ROOM	20	30	10	50.0
FISH & GAME WARDENS	10	20	10	100.0
CORRECTION OFFICERS &/OR JAILERS	120	130	10	8.3
POLICE & DETECTIVES	900	1,030	130	14.4
DETECTIVES	70	80	10	14.3
STORE DETECTIVES	40	60	20	50.0
RAILROAD POLICE	10	10	0	0.0
POLICE OFFICERS	110	130	20	18.2
POLICE DETECTIVES	40	40	0	0.0
POLICE PATROLMEN/WOMEN	620	700	80	12.9
PARKING ENFORCEMENT OFFICERS	10	10	0	0.0
SHERIFFS & BAILIFFS	130	150	20	15.4
SHERIFFS	120	140	20	16.7
BAILIFFS	10	10	0	0.0
OTHER SERVICE WORKERS	1,510	1,800	290	19.2
SUPERVISORS, NONWORKING, SERVICE	330	410	80	24.2
ALL OTHER SERVICE WORKERS	1,180	1,390	210	17.8
LABORERS, EXCEPT FARM	17,500	20,170	2,670	15.3
ANIMAL CARETAKERS	10	10	0	0.0
CONST. LABRS., EX CARPNTRS. HELPERS	800	930	130	16.2
AIR HAMMER OPERATORS	10	10	0	0.0
FENCE ERECTORS	10	10	0	0.0
PIPELAYERS	50	60	10	20.0
REINFORCING-IRON WORKERS	150	170	20	13.3
SEWER TAPPERS	10	20	10	100.0
HIGHWAY MAINTENANCE WORKERS	560	650	90	16.1
ASPHALT RAKERS	10	10	0	0.0
FREIGHT, MATERIAL HANDLERS	270	290	20	7.4
CHAIN OFFBEARERS, LUMBER	20	20	0	0.0
LOADERS, CAR & TRUCK	*	10	10	100.0
OFF-BEARERS	10	10	0	0.0
CONVEYOR OPERATORS OR TENDERS	60	70	10	16.7
WORK DISTRIBUTORS	170	170	0	0.0

NONFARM WAGE AND SALARY EMPLOYMENT BY OCCUPATION
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OCCUPATION	ESTIMATED EMPLOYMENT 1976	PROJECTED EMPLOYMENT 1982	1976 - 1982	
			NET CHANGE	PERCENT CHANGE
GARBAGE COLLECTORS	140	160	20	14.3
GARDENERS, GROUNDSKEEPRS., EX FARM	550	720	170	30.9
TIMBERCUTTING, LOGGING WORKERS	30	40	10	33.3
STOCK HANDLERS	2,130	2,640	510	23.9
ORDER FILLERS	840	990	150	17.9
STOCK CLERKS, SALES FLOOR	1,290	1,650	360	27.9
OTHER LABORERS	13,570	15,380	1,810	13.3
SETTERS &/OR DRAWERS	30	40	10	33.3
STRIPPERS	*	*	0	0.0
FURNACE OPER. HELPERS/HEATER HELPER	10	10	0	0.0
RIGGERS	40	50	10	25.0
HELPER, TRADES	3,410	3,920	510	15.0
LINE SERVICE ATTENDANTS	40	40	0	0.0
FOREST CONSERVATION WORKERS	60	70	10	16.7
ALL OTHER UNSKILLED WORKERS	9,980	11,240	1,260	12.8

SOURCE: Manpower Research & Analysis, South Carolina Employment Security Commission.

1/ Occupation employment on OES Survey based matrix does not include farm workers, unpaid family workers, workers in private households, and military personnel.

NOTE: No occupation rounded to less than 10 is published.

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